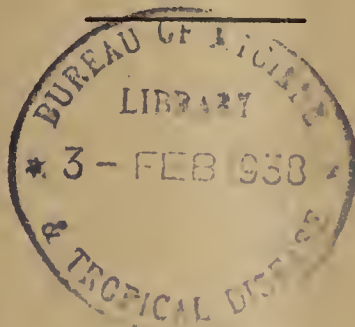


MINISTRY OF PUBLIC HEALTH, EGYPT



Ophthalmic Hospitals Section

Twenty-fourth Annual Report of the Ophthalmic Hospitals Section, for 1936

Govt. Press, Bulâq Cairo, 1937

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MINISTRY OF PUBLIC HEALTH, EGYPT

Ophthalmic Hospitals Section

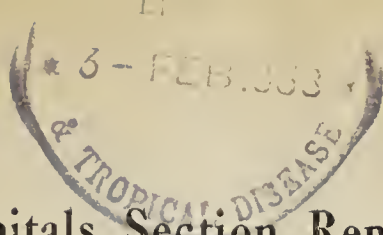
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Index of Ophthalmic Hospitals Section Report for the Year 1936



FOREWORD :—

	PAGE
New Units	1
Projects under Construction	1
Projects proposed in the Budget of 1937-1938	1
Clinical Work	2
Blindness	2
Age of Patients	2
School Clinics	2
Expenditure	3
Accommodation	3
Post-graduate Course of Ophthalmology	3
Interesting Cases in 1936	3
The Ophthalmological Society of Egypt	6
XV International Ophthalmological Congress at Cairo (Activities of the Local Organizing Committee)	7

HOSPITALS STATISTICS :—

TABLE

I.—Technical Work done at all Ophthalmic Hospitals during 1936	9
II.—List of Diseases	10
III.—Causes of Optic Atrophy	14
IV.—List of Operations	15
V.—Number of New Patients treated and Operations performed at all Ophthalmic Hospitals during 1936	17
VI.—Average Number of Monthly Operations at all Ophthalmic Hospitals during 1936	18
VII.—New Patients treated according to the Age at which they sought Treatment ...	19
VIII.—New Patients treated Monthly	19
IX.—Average Temperature	20
X.—Synopsis of Work at all Ophthalmic Hospitals since 1933	20
XI.—Causes of Blindness	21
XII.—Total Percentage of Blindness in one or both Eyes	22
XIII.—Blindness among Out-patients since 1909	25
XIV.—Yearly Percentage of Blindness among Ophthalmic Hospitals' Patients since 1909	26
XV.—Primary Glaucoma	26
XVI.—Incidence of Primary Glaucoma since 1925	27
XVII.—Pathological Report	28
XVIII.—Wassermann Test	29
XIX.—Result of Examination of Diphtheria Specimens	29
XX.—Number of Beds at all Ophthalmic Hospitals	30
XXI.—Cost of Uniform Diets for the In-patients of the Ophthalmic Hospitals during 1936, excluding Cost of Rations for Employés	31
XXII.—Sources of Provision of Ophthalmic Hospitals	32
XXIII.—Actual Expenditure 1936, General Administration	33
XXIV.—Actual Expenditure 1936, Government Ophthalmic Hospitals (in general)	33
XXV.—Actual Expenditure 1936, Government Ophthalmic Hospitals (per Unit)	34
XXVI.—Actual Expenditure 1936, Provincial Council Ophthalmic Hospitals (per unit) ...	34
XXVII.—Comparison of the Cost of Maintenance of a Permanent Ophthalmic Hospital in 1914 and 1936	35

	PAGE
Statistics of Ophthalmic Treatment in Schools, 1936-1937	37
TABLE	
I.—(a) Condition of Conjunctiva (Beginning of the Year)	38
(b) Condition of Conjunctiva (End of the Year)	39
II.—(a) Effect of Treatment on Serious Stages of Trachoma	40
(b) Stages of Trachoma at Beginning and End of School Year	40
III.—(a) Trachoma and its Relation to School Years (Beginning of the Year)	41
(b) Comparison of Serious Stages of Trachoma I and II (Beginning of the Year)	42
IV.—Vision of all Pupils without Spectacles	42
V.—Spectacles ordered	43
VI.—Number of Pupils ordered Spectacles not greater in strength than ± 6 Diopters and by their use got Good or Fair Vision	43
VII.—Condition of Cornea before Treatment	44
VIII.—Comparison of Corneal Opacity among Pupils of Tanta Primary School in the Years 1914-1915 and 1936-1937	44
Map showing Ophthalmic Units in Egypt.	
Temperature and Number of New Patients treated	Diagram
Number of Ophthalmic Units in Egypt from 1904-1935	„
Number of Patients examined in the Ophthalmic Hospitals from 1908-1935	„
Number of Visits of Out-patients to the Ophthalmic Hospitals from 1904-1935	
Number of Operations performed in the Ophthalmic Hospitals from 1904-1935	„
Percentage of Blindness among the Patients treated in the Oph- thalmic Hospitals from 1904-1935 (including cataract Cases)	„

The following are photos of some Ophthalmic Units (Permanent and Travelling), which were possible to obtain locally, with dates of their opening below each.



No. 1 TRAVELLING OPHTHALMIC HOSPITAL
(1904)



No.1 TRAVELLING OPHTHALMIC HOSPITAL
(1904)



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TANTA OPHTHALMIC HOSPITAL
(1905)



ASYÛT OPHTHALMIC HOSPITAL
(1911)



MANSOURA OPHTHALMIC HOSPITAL
(1912)



BENI SUEF OPHTHALMIC HOSPITAL
(1912)



ASYÛT TRAVELLING OPHTHALMIC HOSPITAL
(1912)
Maintained by the Provincial Council of Asyût



KAFR EL ZAIYÂT OPHTHALMIC HOSPITAL
(1913)
Maintained by the Provincial Council of Gharbiya



ZAGAZIG OPHTHALMIC HOSPITAL
(1913)



MEHALLA EL KUBRA OPHTHALMIC HOSPITAL
(1913)

Maintained by the Provincial Council of Gharbyia



DAQAHLIYA TRAVELLING OPHTHALMIC HOSPITAL
(1913)

Maintained by the Provincial Council of Daqahliya



DAMANHOUR OPHTHALMIC HOSPITAL
(1914)



SHEBIN EL KOM OPHTHALMIC HOSPITAL
(1914)



SOHAG OPHTHALMIC HOSPITAL
(1914)



MINIA OPHTHALMIC HOSPITAL
(1915)



SANTA OPHTHALMIC HOSPITAL
(1915)



FAYOUM OPHTHALMIC HOSPITAL
(1916)



NO. 3 TRAVELLING OPHTHALMIC HOSPITAL
(1918)



BENHA OPHTHALMIC HOSPITAL
(1920)



ALEXANDRIA OPHTHALMIC BRANCH
(1920)



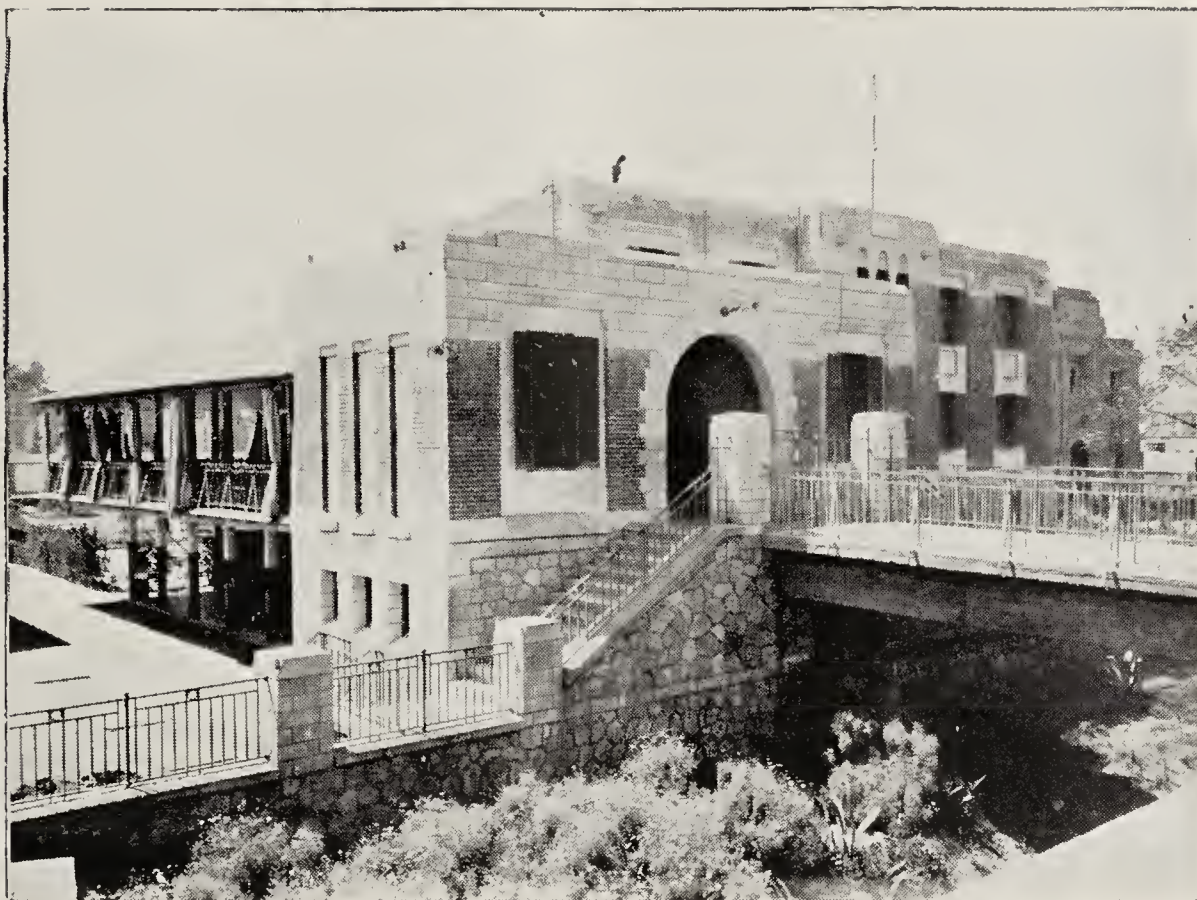
PORT SAID OPHTHALMIC HOSPITAL
(1921)



QENA OPHTHALMIC HOSPITAL
(1923)



DAMIETTA OPHTHALMIC BRANCH
(1923)



FOUAD I OPHTHALMIC HOSPITAL, GIZA
(1924)



SUEZ OPHTHALMIC BRANCH
(1924)



No. 4 TRAVELLING OPHTHALMIC HOSPITAL
(1925)



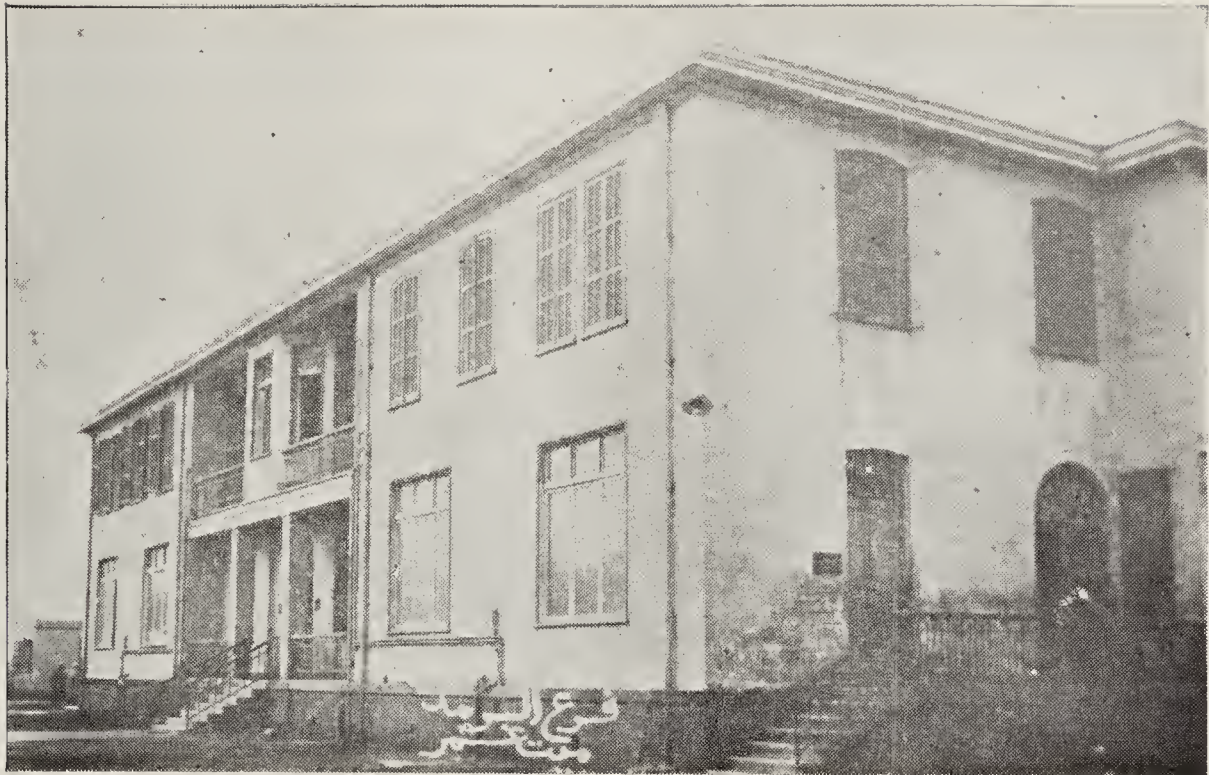
No. 5 TRAVELLING OPHTHALMIC HOSPITAL
(1925)



MEMORIAL OPHTHALMIC LABORATORY, GIZA
(1925)



MALLAWI OPHTHALMIC BRANCH
(1926)



MIT GHAMR OPHTHALMIC BRANCH
(1927)



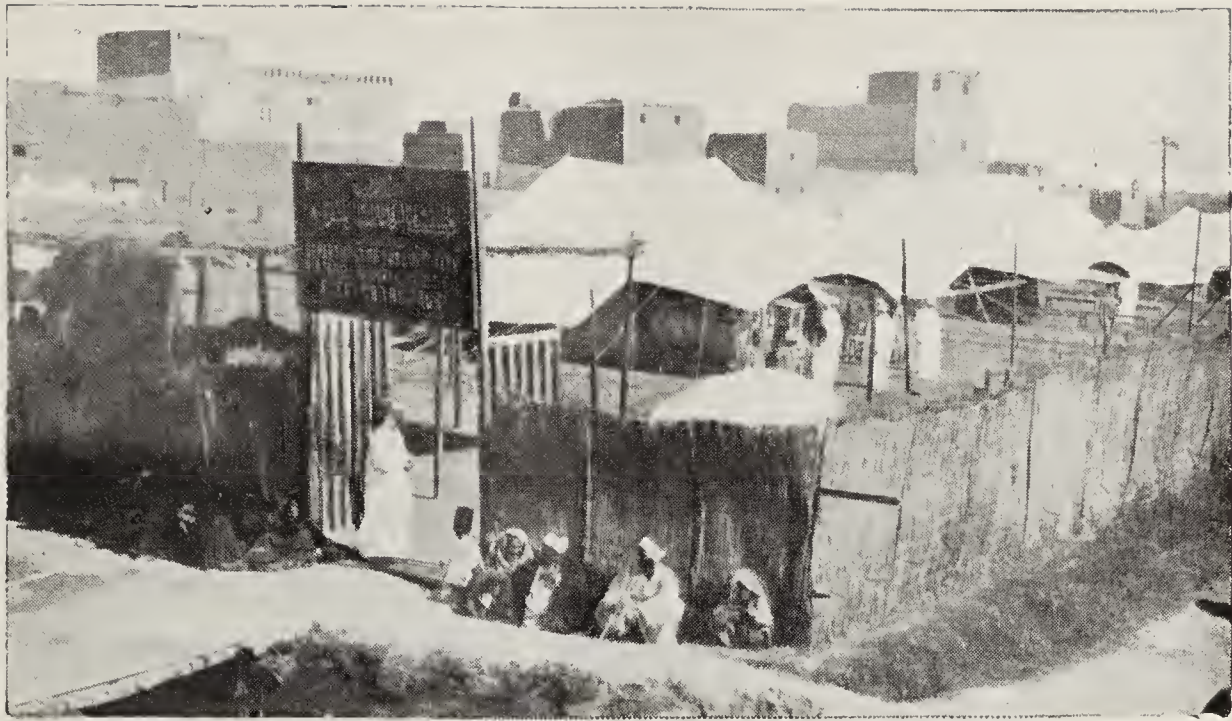
No. 6.—TRAVELLING OPHTHALMIC HOSPITAL
(1927)



GARBÎYA TRAVELLING OPHTHALMIC HOSPITAL
(1927)



MAGHAGHA OPHTHALMIC HOSPITAL
(1927)



No. 8 TRAVELLING OPHTHALMIC HOSPITAL
(1928)



No. 9 TRAVELLING OPHTHALMIC HOSPITAL
(1928)



No. 10 TRAVELLING OPHTHALMIC HOSPITAL
(1928)



No. 11 TRAVELLING OPHTHALMIC HOSPITAL
(1928)



ASWÂN OPHTHALMIC BRANCH
(1929)



PRINCESS FAWKIA OPHTHALMIC HOSPITAL, ROD EL FARAG, CAIRO
(1929)



TAIEBA OPHTHALMIC BRANCH
(1929)



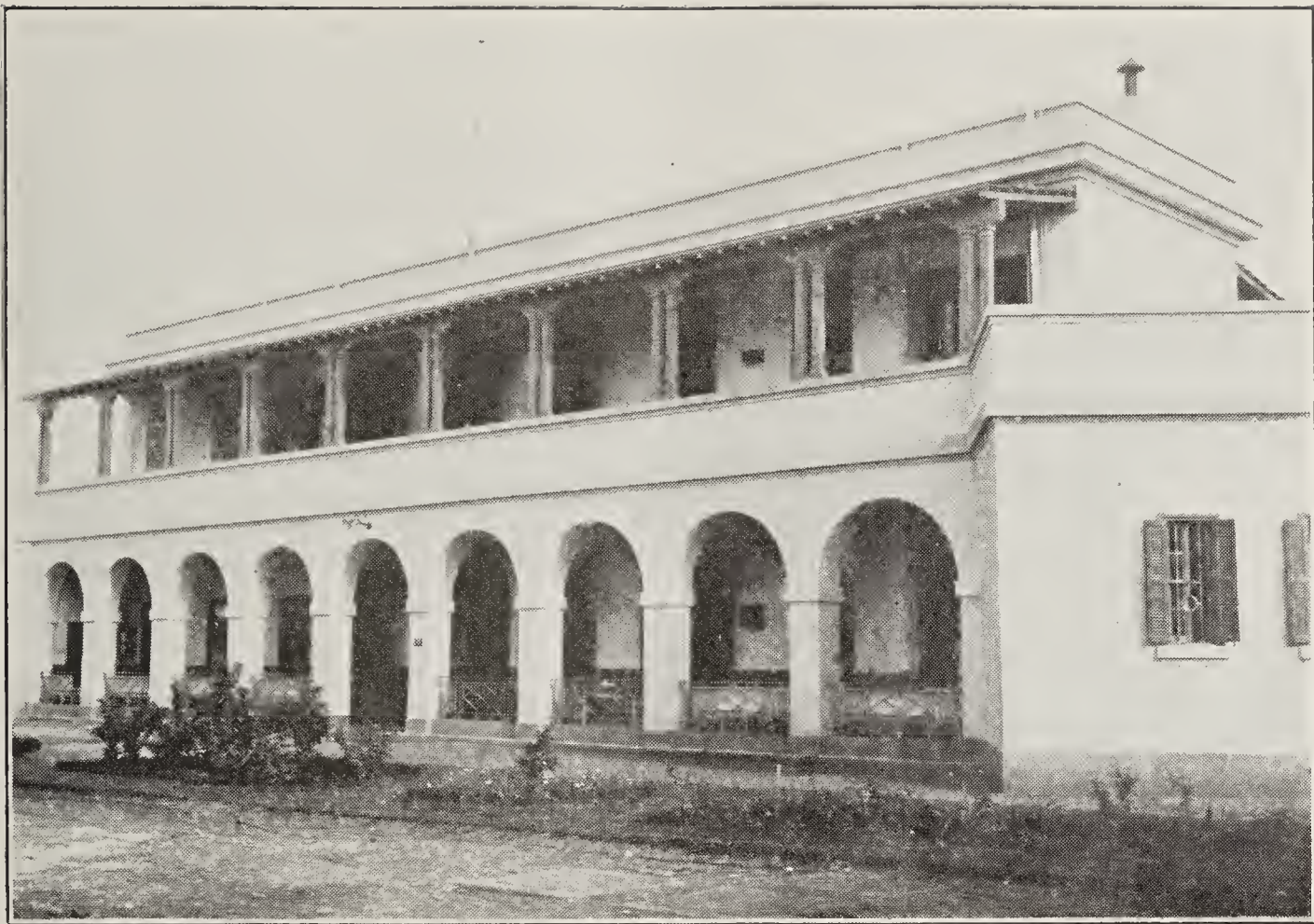
ESNA OPHTHALMIC BRANCH
(1929)



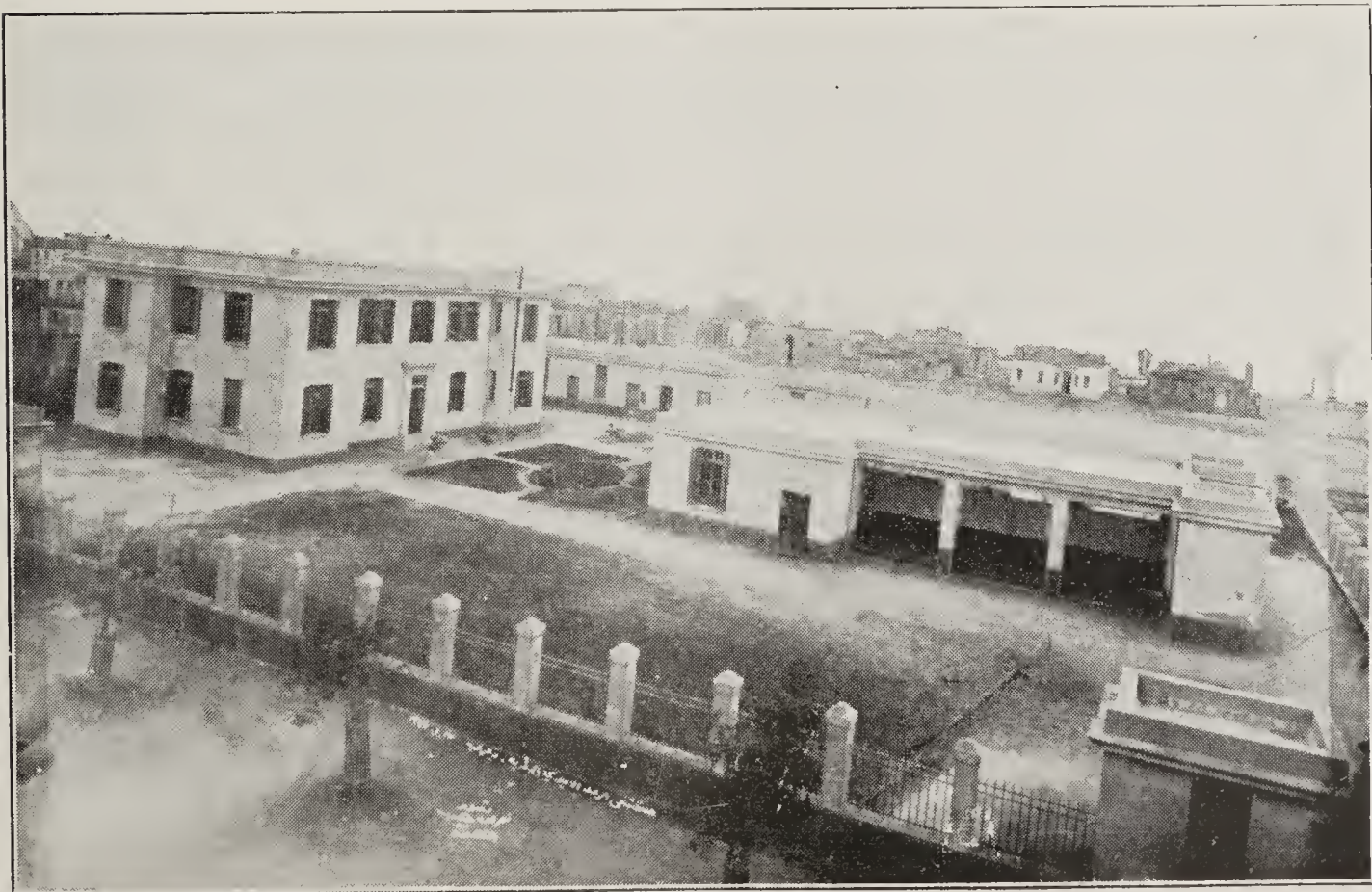
DISOUK OPHTHALMIC BRANCH
(1930)



DEMERDASH OPHTHALMIC BRANCH
(1931)



LUXOR OPHTHALMIC BRANCH
(1931)



MATARIA OPHTHALMIC HOSPITAL
(1931)



ROSETTA OPHTHALMIC BRANCH
(1932)



FAKOUS OPHTHALMIC BRANCH
(1932)

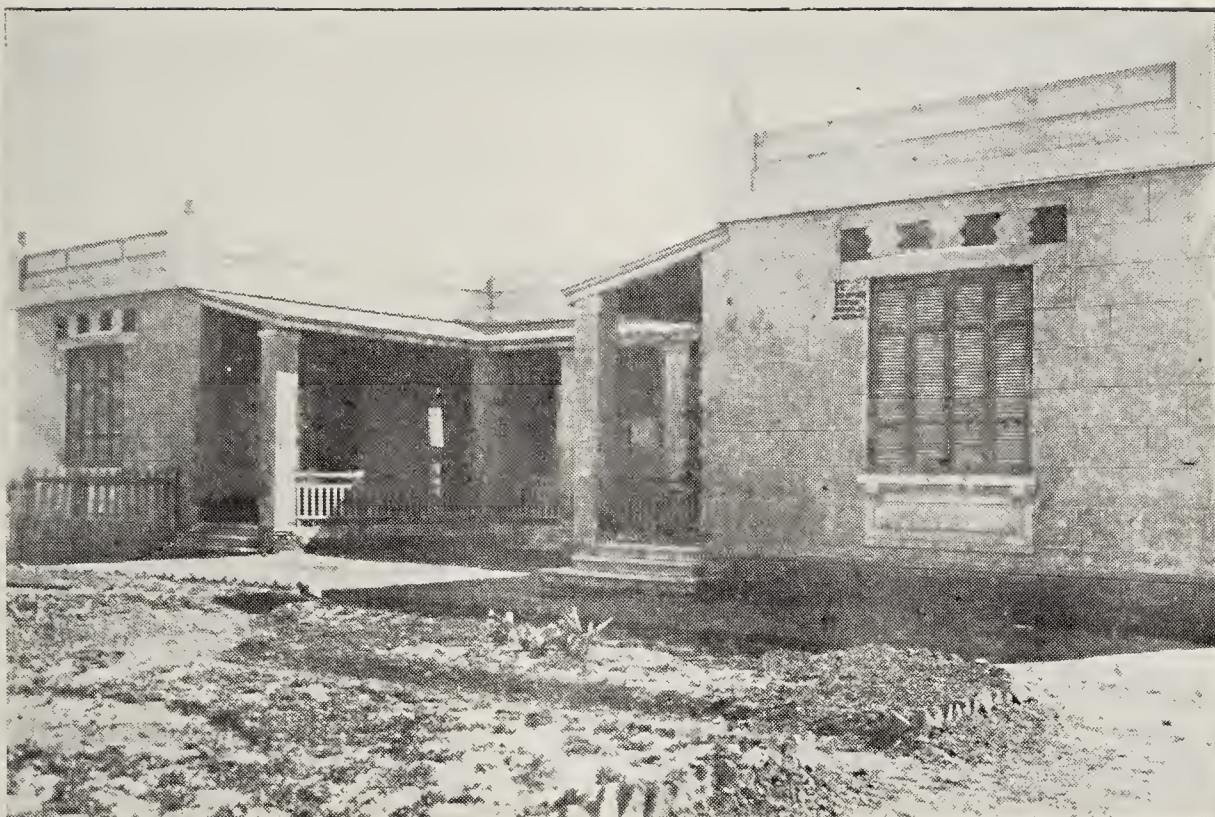


GERGA OPHTHALMIC BRANCH
(1932)



ZIFTA OPHTHALMIC HOSPITAL
(1933)

Maintained by the Provincial Council of Gharbia



FÔWA OPTHALMIC HOSPITAL
(1933)
Maintained by the Provincial Council of Gharbîa



DELINGAT OPTHALMIC BRANCH
(1933)



EL SAFF OPHTHALMIC BRANCH
(1933)



SINBELLAWAIN OPHTHALMIC BRANCH
(1934)



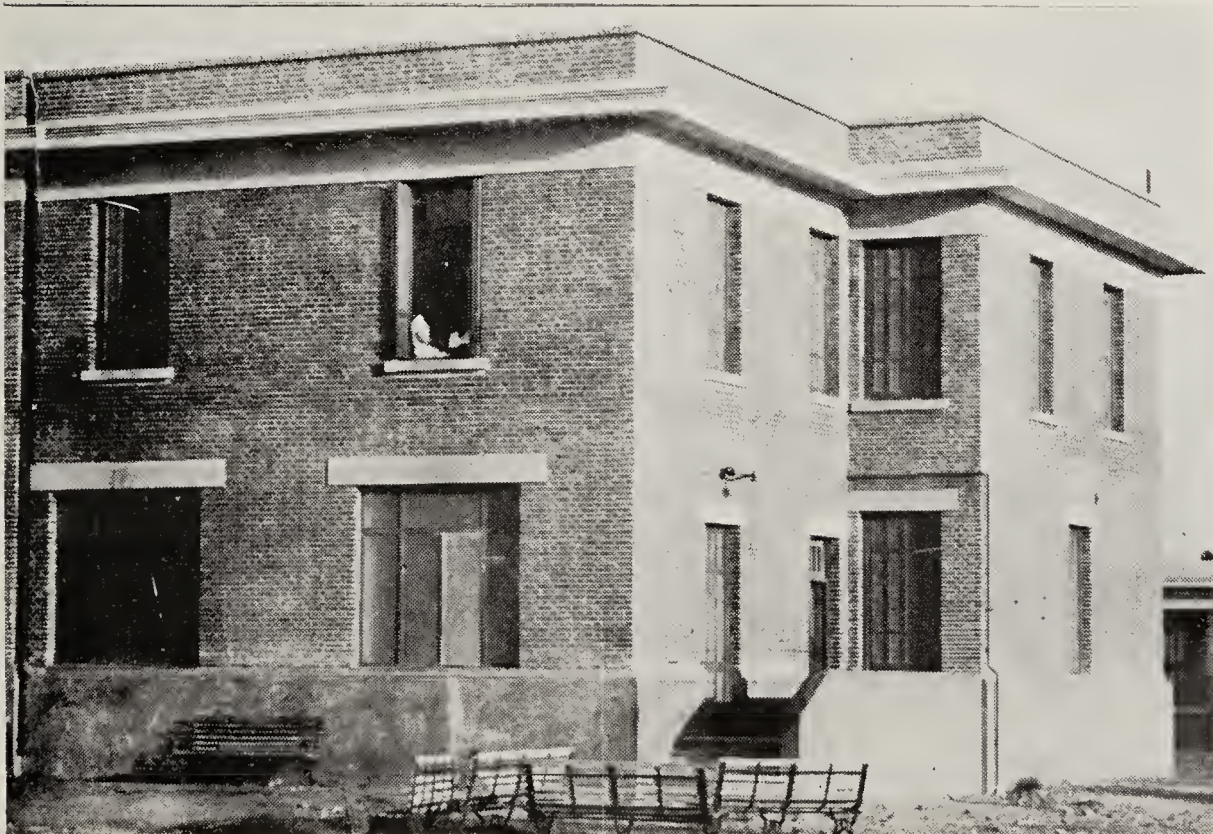
SAMALOUT OPHTHALMIC HOSPITAL
(1934)



EDFEENA OPHTHALMIC HOSPITAL
(1934)



EL WASTA OPHTHALMIC BRANCH
(1934)



DIEROUT OPHTHALMIC BRANCH
(1934)

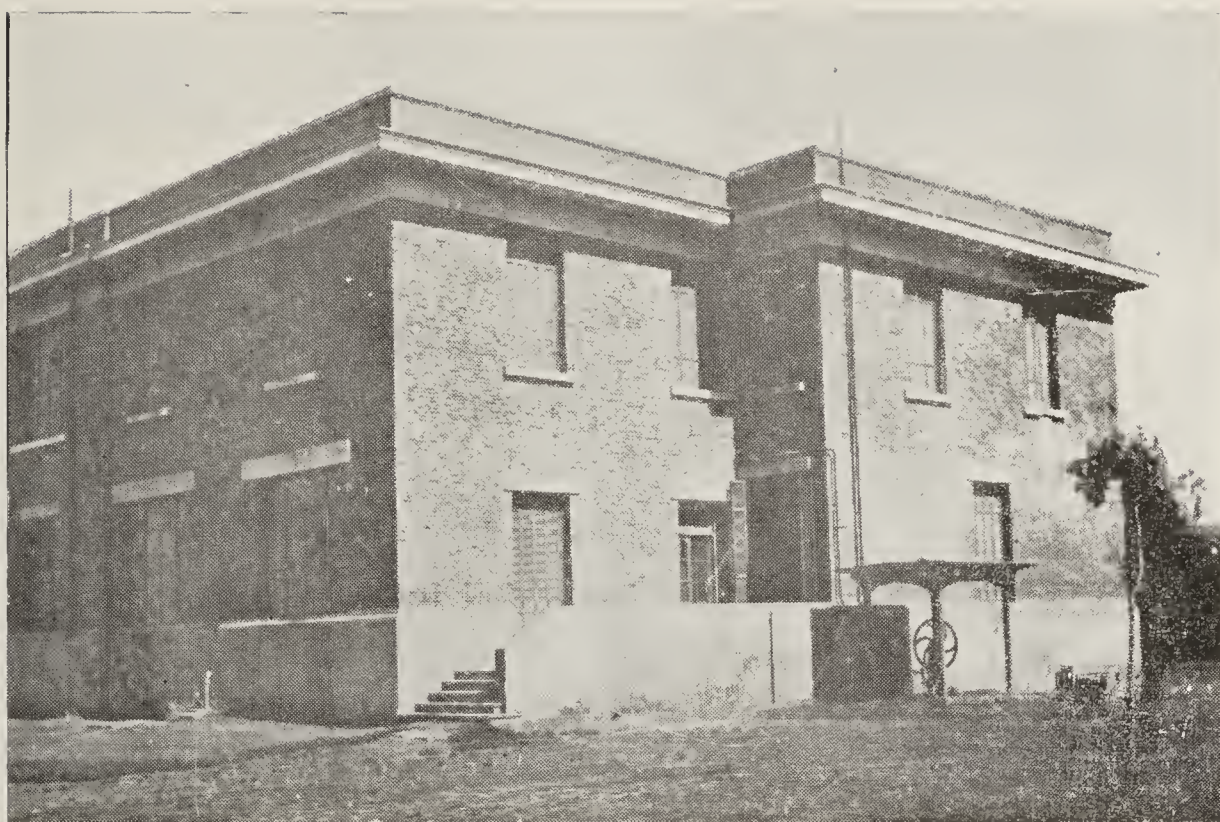


SHEBIN EL KANATER OPHTHALMIC BRANCH
(1934)



EL FASHN OPHTHALMIC BRANCH
(1935)

Maintained by the Provincial Council of Minia



SHOUBRAKHEIT OPHTHAIMIC BRANCH
(1936)



BIBA OPHTHALMIC BRANCH
(1936)

Twenty-Fourth Annual Report of the Ophthalmic Hospitals Section, 1936

FOREWORD

NEW UNITS

During this year four ophthalmic branches were opened in the General Hospitals at Shoubrakheit (Behera), Akhmim (Girga), Naga-Hamadi (Qena) and Beba (Beni Suef). Thus the number of the ophthalmic units reached 73 (of which 59 are permanent and 14 travelling). This number shows an increase of four units over that of 1935, and 50 units over that of 1923. They are shown in detail in Table No. XXII. Also an ophthalmic clinic was established at Karmouz Primary School (Alexandria).

1. *Projects under consideration.*

(a) Ophthalmic hospital at Kafr el Sheikh.

(b) Ophthalmic Branch at Samannoud General Hospital.

The construction of these units has actually commenced and is expected to be completed before the end of 1937.

2. *Enlargement of Ophthalmic Hospitals at Benha, Beni Suef, and Fayoum.*

The enlargement of Benha and Beni Suef hospitals has been completed. That of Fayoum is under construction and is also expected to be completed before the end of 1937.

3. *Enlargement of the Ophthalmic Branch at Demerdash Hospital.*

This Branch has been enlarged and is actually used for treatment.

PROJECTS PROPOSED IN THE BUDGET OF 1937-1938

1. *An Ophthalmic Hospital at Khalifa Quarter, Cairo.*

The land for this hospital has been obtained and is now at the disposal of the State Buildings Department. The building will be started as soon as the credit is granted by the Ministry of Finance.

2. *New Ophthalmic Branches in the General Hospitals.*

Ophthalmic treatment is proposed in the Budget of 1937-1938, in 3 new ophthalmic branches at the present General Hospitals, in addition to the new branch now under construction at Samannoud General Hospital.

3. *Ophthalmic Clinics in Primary Government Schools.*

Two ophthalmic clinics for Primary Government Schools are proposed in the Budget of 1937-1938.

4. *Enlargement of Ophthalmic Hospitals.*

The number of Patients attending the ophthalmic hospitals is so large that the in-patients sections have become inadequate to accommodate those whose condition necessitates special care. The Ministry has decided to gradually enlarge these hospitals. In the proposals of the Budget of 1937-1938 it was requested to enlarge some of the present Ophthalmic Hospitals.

5. *A Travelling Ophthalmic Hospital.*

There are now travelling hospitals in all the provinces of Egypt with the exception of Beni Suef Province. The necessary credit for the construction of a travelling hospital in that province has accordingly been applied for in the 1937–1938 Budget proposals.

6. *Increase of beds for the In-Patients.*

It was proposed in the 1937–1938 Budget to increase the accommodation in the Ophthalmic Branches wherever there is adequate room—so that more in-patients could be admitted.

CLINICAL WORK

The following table shows the clinical work done in the year 1936 as compared with that of 1935 :—

	1935	1936	Increase in 1936
New Patients	1,034,988	1,133,599	9 %
In-patients	32,632	35,246	8 %
Operations	334,868	344,661	3 %
Out-patient attendances	7,525,063	7,741,226	3 %

BLINDNESS

The number of patients who were found blind in one or both eyes, excluding cataract cases causing blindness, was 63,137 or 5.5 per cent of all patients examined at the Ophthalmic Hospitals. By adding the cataract cases causing blindness, the percentage becomes 5.8.

The pathological causes of blindness are detailed in table No. XI where it is shown that acute ophthalmias form 80 per cent of all causes. The gonococcus is still the predominant factor of infection with acute ophthalmias—its percentage to total of microbes being 40.

AGE OF PATIENTS

Out of 1,133,599 new patients treated, 67,748 or 6 per cent were under the age of one year—347,281 or 30.63 per cent from one to 15 years of age—286,261 or 25.25 per cent from 15 to 30 years of age; and 633,542 or 55.88 per cent from one to 30 years of age. This fact shows that the masses recognise the importance of seeking ophthalmic treatment for infants, children and youths.

SCHOOL CLINICS

Ophthalmic examination, inspection and treatment are at present carried out in 35 Primary Government Schools. Details of ophthalmic work in schools are given in a special section at the end of this report.

10,757 pupils were examined, of whom 99 per cent were found suffering from trachoma in its various stages. About 42 per cent of these were in the serious stages of the disease (trachoma I and II). As a result of ophthalmic treatment the latter percentage fell to 20.

In this connection it is to be noted that in Government schools, the most correct percentage of the prevalence of trachoma among school pupils can be obtained.

This is due to the fact that the examination and treatment are carried out in such schools regularly and permanently on pupils who are under the constant supervision of treating doctors.

Pupils of 54 other primary schools and kuttabs, belonging to the Provincial Councils in Markazes (Districts) where permanent or travelling ophthalmic hospitals exist, received ophthalmic treatment at these hospitals.

EXPENDITURE

The cost of maintenance of ophthalmic hospitals during the year 1936, including the cost of administration and expense of ophthalmic clinics in Primary Schools, amounted to L.E. 98,920 as shown in the detailed tables appended to this report which are significant of proper economical management. The upkeep of the out-patient was 12·7 m/m per day. The in-patient cost, in addition, 22 m/m. daily for food. The sources of provision of all ophthalmic units are shown in table XXII.

ACCOMMODATION

The number of beds reached 1,569, *i.e.* there is an increase of 75 beds over last year.

POST GRADUATE COURSE OF OPHTHALMOLOGY.

During April 1936 the number of Medical Officers who have undergone post-graduate courses in ophthalmology was 38, of these 9 were inspected in the preliminary clinical course and 5 of them passed ; 10 were inspected in the final clinical course and 6 of them passed.

During October their number was 33 of whom 22 were inspected in the preliminary course and 16 of them passed ; 6 were inspected in the final clinical course and four of them passed. Those who failed for the second time were transferred to other branches of the Ministry.

INTERESTING CASES RECORDED

A monthly list of interesting cases seen at the various units of the Section is drawn up. About 540 cases have been recorded as interesting during 1936. The following list shows some such cases that are not frequently seen in every day's work in Egypt :—

- (1) Retinitis. Pigmentosa.
- (2) Optic neuritis due to fever.
- (3) Pigmented naevus of conjunctiva.
- (4) Post neuritic optic atrophy syphilitic.
- (5) Optic neuritis syphilitic.
- (6) Disseminated choroiditis syphilitic.
- (7) L. Syphilitic irido-cyclitis.
- (8) R. Optic neuritis. L. subsiding optic neuritis due to meningitis.
- (9) R. Total detachment of retina.
- (10) R. and L. Congenital coloboma of iris.
- (11) L. high myopia & central macular degeneration.
- (12) Acute iritis due to Pyorrhea alveolaris.
- (13) Traumatic dislocation of lens in A. C.
- (14) Primary optic atrophy syphilitic.
- (15) Hyaline degeneration of tarsus and conj.
- (16) Proptosis due to symetrical inflam. of both orbits (? cause).
- (17) Gangrene of L. orbit.
- (18) Membranous conj. negative for D.B.
- (19) Dermoid tumour of the cornea.
- (20) Angioma of carauncle.
- (21) Rupture of coronoid process & optic atrophy and mydriasis—result of trauma & stick.
- (22) Epithelioma of lid invading the orbit.
- (23) Embolism of central artery due to interstitial nephritis and High B.P.
- (24) Benign chronic inflammatory granuloma of cornea.
- (25) R. Medullated nerve fibres and L. Congenital coloboma of iris.
- (26) Membranous conj. positive for D.B. from eye, nose and throat.
- (27) Epithelioma of cornea.
- (28) Naevus turning malignant.
- (29) Interstitial keratitis.
- (30) Hysterical amblyopia.
- (31) Spring Catarrh palpebral and bulbar.
- (32) Traumatic ophthalmoplegia totalis & optic atrophy.

- (33) Plastic Irido-cyclitis as a secondary manifestation of syphilis.
- (34) Traumatic detachment of Retina.
- (35) Pre-cancerous tumour of limbus.
- (36) Rodent ulcer of lid.
- (37) Angioma taking a polypoid form.
- (38) Epidermoid carcinoma of limbus.
- (39) Juvenile absolute glaucoma. L. Refraction +16 D.
- (40) Varicose veins of lower lid after trauma.
- (41) Infantile glaucoma.
- (42) R. and L. Chorio-retinitis due to (Albumonuria).
- (43) Pigmented Naevus of lid.
- (44) Encapsulated lipoma of L. Eye brow.
- (45) Angio sarcoma of orbit.
- (46) Gun shot injury local detachment of retina at site of injury & secondary multiple choroidal haemorrhage and hole of macula.
- (47) Retinitis proliferans (wass. +).
- (48) Persistent pupillary membrane.
- (49) Glioma of retina.
- (50) Adeno-Carcinoma of lid.
- (51) Total paralysis of 3rd and 4th Nerves due to a lesion in the base of the brain at the free border of the tentorium cerebelli of ? origin.
- (52) Granuloma of conjunctiva.
- (53) Keratitis punctata superficialis.
- (54) Granulation tissue of left cornea.
- (55) Heterochromia irides.
- (56) Fibro-lipomatous tumour of the caruncle.
- (57) Metastatic endophthalmitis after pyelitis.
- (58) Blepharophimosis at medial angle of the eye & ectropion.
- (59) R. Facial paralysis (rheumatic).
- (60) Streptothrix infection of conjunctiva.
- (61) Fly blown orbit.
- (62) Sympathetic ophthalmia.
- (63) R. Subconjunctival dislocation of lens (traumatic).
- (64) Venous Aneurysm at inner and upper orbital angles, simulating dermoid and meningo-Encephalocele.
- (65) L. Ectopia pupillae & coloboma of optic disc and choroid and secondary post staphyloma arising from base of coloboma.
- (66) Traumatic Monocular optic neuritis.
- (67) Late infection after trephining.
- (68) Chronic inflammatory infiltration of caruncle.
- (69) R. Episcleritis (W. R. +).
- (70) R. Chronic iritis syphilitic.
- (71) R. Endothelioma of perivascular and plexiform type in Eyebrow.
- (72) Angiomatous chronic inflammatory granuloma.
- (73) Microphthalmos & congenital coloboma of iris and choroid.
- (74) Basal-cell carcinoma related to hair follicles.
- (75) Orbital cellulitis, idiopathic.
- (76) Fibroma tarsal conjunctiva.
- (77) Primary optic atrophy due to fracture of the base of the skull.
- (78) Primary optic atrophy, Disseminated Sclerosis (Wassermann++++).
- (79) R. Syphilitic periostitis of orbit causing R. Proptosis.
- (80) Guttate choroiditis.
- (81) Retention cyst of krause's gland.
- (82) Retention cyst of caruncle.
- (83) Hyaline degeneration, calcification and Ossification of tarsus.
- (84) Coloboma of optic disc, congenital.
- (85) Basal cell carcinoma of L. orbit.
- (86) F. B. on left iris.
- (87) Epithelial plaque of cornea.
- (88) Retinal Haemorrhage in R. fundus arterio-sclerosis B.P. 140/80 W.R. Neg.
- (89) Central choroiditis (myopic).

- (90) Total ophthalmoplegia ? cause.
- (91) L. Ptosis & loss of macular fixation ? birth injury.
- (92) L. Uveitis after fever.
- (93) Primary optic atrophy (? early tabes syphilitic).
- (94) Orbital tumour of the region of the Lacrymal gland Wassermann + + + +.
- (95) Microcornea congenital.
- (96) Abscess of orbit.
- (97) Anophthalmos.
- (98) Periostitis of orbit.
- (99) R. and L. Neuro-retinitis W.R. + + & gumma of septum of nose.
- (100) Chr. Iridocyclitis (W.R. +).
- (101) Syphilitic ptosis.
- (102) R. L. Iritis (after fever).
- (103) Streptothrix of L. Lacrimal sac.
- (104) L. Lamellar cataract.
- (105) L. Thrombosis of central vein (L. Antrum opaque).
- (106) Oriental sore of lid.
- (107) Hydrophthalmos.
- (108) Cong. colobomata of irides, choroid, retina and optic nerve.
- (109) Thrombosis of retinal vein after erysipelas of face.
- (110) L. Thrombosis of the central vein of the retina (after tooth extraction).
- (111) Angioma of iris.
- (112) R. Retrobulbar gumma (congenital syphilis).
- (113) Blue sclerotics.
- (114) Retention cyst and trachoma of caruncle.
- (115) Albumenuric neuro-retinitis (very advanced-pt. died two months later).
- (116) L. Leprotic nodule of iris.
- (117) R. Corneal ulcer due to R. Facial paralysis cause unknown.
- (118) Dendritic keratitis.
- (119) Paralysis of R. Levat. Palp. Superior acquired traumatic-lesion peripheral.
- (120) L. 3rd nerve paralysis (syphilitic).
- (121) Congenital ankyloblepharon.
- (122) Leprotic granuloma of limbus (pt. leprotic).
- (123) Abscess of R. Cornea.
- (124) Double spontaneous subluxation of lenses.
- (125) Epithelial cyst in limbus.
- (126) Orbital phlegmon.
- (127) R. Disseminated choroiditis.
- (128) Inclusion cyst of limbus.
- (129) Hereditary descending optic atrophy (leber's).
- (130) Congenital coloboma of macula.
- (131) L. Rheumatic facial paralysis & L. Paralytic ectropion.
- (132) Dacryo-adenitis bilateral.
- (133) R. and L. Total (cong.) aniridia with ectopia lentis.
- (134) R. Exophthalmos due to a gumma of the orbit causing papilloedema.
- (135) R. and L. Congenital central cataract.
- (136) Retinitis pigmentosa & consecutive optic atrophy.
- (137) Abscess of orbit.
- (138) Severe argyrosis of conjunctiva and cornea.
- (139) Arteriosclerosis of fundus.
- (140) Ptosis, syphilitic.
- (141) Pseudo glioma after uveitis due to intestinal focus (dysentery).
- (142) Gangrene of R. lids due to bacillus onsy.
- (143) Syphilitic irido-cyclitis & poliosis ciliaris.
- (144) Idiosyncrasy to tinct. iodine.
- (145) Quinine amblyopia.

THE OPHTHALMOLOGICAL SOCIETY OF EGYPT.

The annual meeting of this Society was held on Friday and Saturday 26th and 27th March 1937, at Giza Memorial Ophthalmic Laboratory. 79 Members attended, the majority of whom being Medical Officers of the Ophthalmic Hospitals. The following are the leading topics of the most important communications delivered in the meeting :—

- (1) Statistical review on glaucoma cases in the Egyptian Ophthalmic Hospitals.
- (2) Incidence of glaucoma in an Egyptian village.
- (3) Standard intraocular tension of Egyptian eyes whether influenced by trachomatous infection.
- (4) The normal ocular tension as taken on some patients of different ages and sexes.
- (5) Review of some pathological specimens of glaucoma eyes.
- (6) Extra ocular influence in glaucoma.
- (7) Syphilis among glaucomatous cases.
- (8) Glaucoma capsularis.
- (9) Diagnosis of early glaucoma cases and its treatment.
- (10) Surgical treatment of glaucoma.
- (11) Treatment of glaucoma.
- (12) The value of cyclodialysis in glaucoma
- (13) How to keep filtration in recent sclerectomies and assure its further continuation.
- (14) Morbid affections of the Meibomian glands.
- (15) The seasonal exacerbations of trachoma and incidence of acute ophthalmia in Egypt
- (16) Melanotic sarcoma of the conjunctiva.
- (17) Trachoma of the cornea.
- (18) Bio microscopical study of deep keratitis with reference to some rare forms.
- (19) Some observations on the ocular manifestations of hypertension in Egypt.
- (20) Traumatic ophthalmoplegia totalis with optic atrophy.
- (21) Idiosyncrasy to some drugs used in ophthalmology.
- (22) The comparative therapeutic value of ultra-violet radiation lamps and the presence of an absorption band in the lens.
- (23) A preliminary note on the therapeutic effect of short waves in certain eye diseases.
- (24) The treatment of spring catarrh with radium.
- (25) Congenital cyst in anterior chamber in left eye with congenital anterior capsular cataract in both eyes.
- (26) Double micro-cornea with congenital colobomata of iris, choroid and optic disc.
- (27) A short report on a visit to some European clinics.

XV CONCILIUM OPHTHALMOLOGICUM

Cairo, December 1937

ACTIVITIES OF THE LOCAL ORGANIZING COMMITTEE

(1) Invitation (in six languages) has been sent in May 1936 by the Congress Bureau to :—

- (a) The Ophthalmic surgeons abroad.
- (b) The Ophthalmic hospitals abroad.
- (c) The Ophthalmic universities abroad.
- (d) The Ophthalmological societies abroad.
- (e) The Ophthalmic reviews.

(2) Invitation was sent, in the official channel, by the Egyptian Ministry of Foreign Affairs to all countries.

(3) A reminder on a Post Card was again distributed, in April 1937, all over the world by the Congress Bureau.

- (4) Identity card.
- (5) Agreement with Semiramis Hotel.
- (6) List of hotels and their rates.
- (7) Map of Egyptian Railways.
- (8) Medal and Ensigns.
- (9) Memorial Postage Stamps.

(10) Pocket map for Cairo City on which is specially marked the ophthalmic hospitals, monument places whether of ancient or medieval history, Semiramis Hotel, Pyramids and other important places worth visiting.

(11) Commercial Exhibition :—

- (a) The Ministry of Foreign Affairs communicated with the foreign Legations to write to their countries for making announcements about this exhibition.
- (b) The Secretary General has also unofficially written to the Commercial Secretaries of the foreign Legations in this sense.
- (c) Conditions of this exhibition have been published in different languages, and distributed amongst the foreign Legations, Agencies of Commercial Houses in Egypt and important Commercial Houses abroad.

(12) Papers and Résumés :—

- (a) These were arranged preparatory to printing.
- (b) Resumés are being translated into the five languages.
- (c) Clichés of photos are being prepared.

(13) Official inauguration of the Congress :—This has been arranged. The approval of the International Council is not final pending the Royal approval which cannot be obtained before the accession of His Majesty King Farouk 1st, about the end of July 1937.

(14) Provisional Final Programme :

- (a) Provisional final programme for the sessions of the Congress has been drawn up.
- (b) Final invitation is in preparation for circulation to all ophthalmic surgeons in the world.
- (c) Itineraries of various trips in and near Egypt have been drawn up.

(d) An estimate was drawn up of the expenses expected to be incurred from the various ports to Egypt including the stay in different hotels as well as of the various trips.

(15) Facilities made, viz :

(a) Reductions on Railway fares of :

	Per cent
Egypt	50
Pales tine	50
Syria	20
Poland	33
Austria	33 $\frac{1}{3}$
Belgium	35
Bulgaria	50
Spain	32
Esthonia	50
Greece	30
Hungary	25-33
Italy	30
Lettonia	50
Lithuania	33 $\frac{1}{3}$
Portugal	50
Tchecoslovakia	33 $\frac{1}{3}$
Turkey	50

The Secretary General obtained these in some cases by writing direct to the Railway Company or through the Legation or through Cooks.

(b) Rebates on shipping rates :—

The Secretary General got these by writing direct to the various Companies.

Discount will be allowed by the following shipping Companies :—

Misr Shipping, S.A.E., 50 per cent rebate (prices are considerably lower than on the other lines) comfortable boats, 1st class service and food. Last departure before the Congress : from Marseilles 24th November, from Genoa 25th November—Arrival in Alexandria 29th November.

Messageries Maritimes, 50 per cent rebate on return tickets.

Lloyd Triestino, 50 per cent rebate, except on food.

Khedivial Mail Line. 20 per cent rebate on summer rates, which are already reduced.

Romanian Shipping Company, 40 per cent rebate.

(c) Signing Passports (Visa) at the Egyptian Consulates gratis.

(d) Visiting the monumental places at Cairo, Alexandria and Luxor gratis.

(e) Facilities for German, Austrian, Hungarian, Romanian, Tschikslovakian and Yugoslavian colleagues.

The Egyptian Ministry for Foreign Affairs wrote to the Authorities of these countries to make facilities for the ophthalmic surgeons, willing to attend the Congress, for leaving home and sending money abroad. The Secretary general has also unofficially written to the legations in Egypt of these countries for this purpose as well as to the Ministers of Health in the various countries. A reply received from Austria and Yugoslavia that the required facilities were granted. A favourable reply is expected from other countries.

TABLE I.—TECHNICAL WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1936

1.—IN-PATIENTS : TOTAL NUMBER (numbar of available beds; 1,569)	35,246
Number of diets issued	538,298
2.—OPERATIONS :—	
I. Major :—	
(a) Senile cataract	1,726
(b) Soft cataract	366
(c) Trichiasis or entropion	103,606
(d) Other operations	27,665
TOTAL	133,363
II. Minor (including mechanical treatment of trachoma)... ..	211,298
GRAND TOTAL, major and minor operations=Number of operations, page 16	344,661
3.—OUT-PATIENTS :—	
I.—Incurable (1)	2,423
II.—Postponed	9,299
III.—Tickets issued, <i>i.e.</i> new cases	1,133,599
IV.—Old cases	6,595,905
V.—Visits made by patients to hospital for treatment=(I+II+III+IV) ...	7,741,226
VI.—Average number of visits made to hospital by each patient under regular treatment (old cases + tickets issued) ÷ tickets issued. The factor of incurable cases is neglected... ..	6.8
VII.—Discharges :—	
(a) Cured	394,274
(b) Relieved	227,943
(c) Incurable(2)... ..	1,326
(d) Spontaneously ceased to attend after having attended only once ...	65,641
(e) " " " " " more than once	108,038
VIII.—Trichiasis cases seen among new out-patients :—	
(a) No previous operation having been performed	80,889
(b) Previous operation performed unsuccessfully (not at an Ophthalmic Hospital, but probably by some charlatan)	6,690
IX.—Spectacles ordered	2,332
X.—Constant wash cases (number of days' treatment)	1,709,156
XI.—Ages of patients examined :—	
Under one year	67,748
From 1 to 5 years	132,213
" 6 " 10 "	112,322
" 11 " 15 "	102,746
" 16 " 20 "	95,535
" 21 " 25 "	94,872
" 26 " 30 "	95,854
" 31 " 35 "	88,420
" 36 " 40 "	79,545
" 41 " 45 "	73,334
" 46 " 50 "	57,716
" 51 " 55 "	41,459
" 56 " 60 "	35,458
" 61 " 65 "	25,596
" 66 " 70 "	19,891
Over 70 years	10,890
TOTAL	1,133,599

(1) Incurable cases do not receive tickets, but are recognised as soon as seen by the surgeon as both incurable and devoid of surgical interest.

(2) Incurable cases include those which are recognised as soon as seen by the surgeon as incurable but are given tickets for statistical or other purposes.

TABLE II.—LIST OF DISEASES (*contd.*)

Eyelids (contd.):—

Ectropion	1,629
Lagophthalmos	980
Blepharitis	98,317
Hordeolum	3,256
Wart	702
Chalazion	4,002
Eczema	1,939
Rodent ulcer	31
Dermoid	108
Ptosis	1,003
Erysipelas	7
Herpes	72
Chancre	—
Epithelioma	22
Other tumours	143
Leucodermia	39
Injuries and abscesses	2,180

Lacrimal Apparatus:—

Lacrimal fistula	556
Stenosis of the duct	641
Dacryocystitis, acute	342
" chronic	10,461
Cyst of lacrimal gland	77

Cornea:—

Ulceration, simple	53,808
" hypopyon	2,786
" perforation	11,588
" special forms	1,015
Pannus	90,260
Keratitis, interstitial	49
" trachomatous	9,101
Nebula or leucoma	369,830
Adherent leucoma	120,231
Totally opaque cornea	18,478
Staphyloma	8,612
Xerosis of cornea	1,830
Abscess of cornea	51
Conical cornea (congenital)	38
Keratictasia	3,558
Injuries (burn, foreign bodies, etc.)	3,416

Limbus:—

Tumours	44
Dermoid	78
Epithelioma	32

Iris:—

Anterior synechia	10,547
Posterior "	6,111
Inflammation	2,333
Iris bombé	38
Irido-dialysis	101
Congenital coloboma	58
Aniridia	9
Persistent pupillary membrane	72
Iridodonesis	1,023
Various	157

TABLE II.—LIST OF DISEASES (*contd.*)

<i>Sclerotic :—</i>																
Ciliary staphyloma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,868
Episcleritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
Injuries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	111
<i>Choroid :—</i>																
Coloboma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
Rupture	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
Disseminated choroiditis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
Choroido-retinitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
Atrophy of choroid	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	107
Tumours	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Albinismus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
<i>Retina :—</i>																
Retinitis, albuminuric and diabetic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
„ syphilitic...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
„ pigmentosa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37
Detachment of retina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	101
Embolism and thrombosis of retinal vessels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Glioma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Other conditions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Night blindness (in which retinitis pigmentosa is absent)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	250
<i>Optic Nerve :—</i>																
Neuritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
Atrophy (See table of causes of Optic Atrophy, page 14)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141
Opaque nerve fibres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
Other conditions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
<i>Lens :—</i>																
Cataract, senile	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,707
„ soft	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	484
„ traumatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	176
„ lamellar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
„ anterior polar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,621
„ posterior	„	...	...	...	...	...	...	...	...	...	...	...	...	...	...	145
„ dislocated, traumatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	249
„ „ operative	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
„ „ congenital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Aphakia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,789
Secondary cataract	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	376
Ectopia lentis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
<i>Vitreous :—</i>																
Opacities	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	328
Foreign bodies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
<i>Muscles :—</i>																
Strabismus, alternating	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,143
„ convergent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23,022
„ divergent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25,861
Heterophoria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	109
Nystagmus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,188
Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36

TABLE III.—CAUSES OF OPTIC ATROPHY

Optic Atrophy :—

A. — (1) Primary :—

The spinal diseases causing the condition are :—

G.P.I.	1
Tabes... ..	10
Disseminated sclerosis	1
Lateral sclerosis	—
Spastic paraplegia	—
Lebers hereditary optic atrophy	—
Congenital optic atrophy	—
Unknown	21

It may also be caused by :

Arterio sclerosis	3
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(2) Compression of the optic chiasma or of the optic nerve by a tumour or injury by a projectile or bony fracture may produce optic atrophy of a primary type	4
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(3) Retro-bulbar neuritis :—

The acute form causes atrophy of the optic nerve, primary in type, not infrequently.

The chronic form more rarely.

Acute retro-bulbar neuritis. The causes are :—

(a) Sepsis (dental, periostitis, middle ear, accessory sinuses)... ..	2
(b) Acute fevers (including syphilis and rheumatism)	23
(c) Intoxications (alcohol, lead)	—
(d) Nervous diseases (disseminated sclerosis, acute myelitis)	—

Chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes, iodoform, opium, etc.	—
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B.—Post-neuritic :—

The causes of optic neuritis, all of which may be followed by post-neuritic atrophy, are as follows :—

(a) Sepsis (dental, periostitis, middle ear, accessory sinuses)... ..	7
(b) Acute fevers (including syphilis and rheumatism)	52
(c) Intoxications (kidney disease and diabetes, alcohol, felixmas)... ..	—
(d) Nervous diseases : Diss. sclerosis, G.P.I., epilepsy	—
(e) Anæmia	1
(f) Unknown	13

TOTAL (equal Atrophy, page 12) ...	141
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**TABLE V.—NUMBER OF NEW PATIENTS TREATED AND OPERATIONS PERFORMED
AT ALL OPHTHALMIC HOSPITALS DURING 1936**

HOSPITALS						NUMBER OF PATIENTS	HOSPITALS						NUMBER OF OPERATIONS
Rod el-Farag	...	...	...	...	...	76,646	Rod el-Farag	...	...	...	...	...	18,838
No. 1, T.O.H.	...	...	...	...	...	56,708	Assiout	...	...	...	...	...	13,128
Giza	...	...	...	...	...	53,351	Beni Suef	...	...	...	...	...	12,626
Beni Suef	...	...	...	...	...	35,221	Giza	...	...	...	...	...	11,587
Assiout	...	...	...	...	...	32,260	Tanta	...	...	...	...	...	10,137
Alexandria	...	...	...	...	...	28,814	Banha	...	...	...	...	...	8,405
Tanta	...	...	...	...	...	28,758	No. 1, T.O.H.	...	...	...	...	...	7,978
Demerdash	...	...	...	...	...	28,539	Fayoum	...	...	...	...	...	7,685
Benha	...	...	...	...	...	23,394	Shebin el-Kôm	...	...	...	...	...	7,413
Minya	...	...	...	...	...	23,227	Demerdash	...	...	...	...	...	6,324
Mallawi	...	...	...	...	...	22,869	No. 11, T.O.H.	...	...	...	...	...	6,264
Fayoum	...	...	...	...	...	22,772	Zagazig	...	...	...	...	...	6,189
Dayrout	...	...	...	...	...	21,716	Mansoura	...	...	...	...	...	6,108
Sohâg	...	...	...	...	...	21,468	Baliana	...	...	...	...	...	5,961
Fikria	...	...	...	...	...	21,095	Alexandria	...	...	...	...	...	5,813
Port Said	...	...	...	...	...	20,719	Sohâg	...	...	...	...	...	5,712
No. 11, T.O.H.	...	...	...	...	...	20,718	Shebin el-Qanater	...	...	...	...	...	5,657
Shebin el-Kôm	...	...	...	...	...	19,954	Mit Ghamr	...	...	...	...	...	5,536
Mit Ghamr	...	...	...	...	...	19,907	Maghagha	...	...	...	...	...	5,422
Damanhour	...	...	...	...	...	18,388	El Mahalla El Kubra	...	...	...	...	...	5,348
Zagazig	...	...	...	...	...	18,115	Mallawi	...	...	...	...	...	5,321
Mahalla	...	...	...	...	...	18,052	Minya	...	...	...	...	...	5,242
Mansûra	...	...	...	...	...	17,911	No. 5, T.O.H.	...	...	...	...	...	5,179
Maghagha	...	...	...	...	...	16,465	Fashm	...	...	...	...	...	5,065
Assiout, T.O.H.	...	...	...	...	...	15,778	Ashmoun	...	...	...	...	...	5,003
Ashmoun	...	...	...	...	...	15,156	Girga	...	...	...	...	...	4,847
No. 5, T.O.H.	...	...	...	...	...	14,687	Tala	...	...	...	...	...	4,683
Girga	...	...	...	...	...	14,566	Sherbin	...	...	...	...	...	4,668
Minouf	...	...	...	...	...	13,637	Dakahlia P.C. T.O.H.	...	...	...	...	...	4,650
No. 6, T.O.H.	...	...	...	...	...	13,400	Qous	...	...	...	...	...	4,561
Suez	...	...	...	...	...	13,064	No. 6, T.O.H.	...	...	...	...	...	4,409
Fashm	...	...	...	...	...	12,981	No. 4, T.O.H.	...	...	...	...	...	4,366
No. 8, T.O.H.	...	...	...	...	...	12,733	Saff	...	...	...	...	...	4,354
Baliana	...	...	...	...	...	12,304	Samalout	...	...	...	...	...	4,343
Esna	...	...	...	...	...	11,670	Qena	...	...	...	...	...	4,342
Damietta	...	...	...	...	...	11,651	No. 7, T.O.H.	...	...	...	...	...	4,278
No. 9, T.O.H.	...	...	...	...	...	11,497	Zifta	...	...	...	...	...	4,225
Qena	...	...	...	...	...	11,381	Santa	...	...	...	...	...	4,067
Luxor	...	...	...	...	...	11,372	No. 8, T.O.H.	...	...	...	...	...	4,022
No. 7, T.O.H.	...	...	...	...	...	11,186	Port Said	...	...	...	...	...	4,002
Mataria	...	...	...	...	...	11,051	No. 10, T.O.H.	...	...	...	...	...	3,992
Santa	...	...	...	...	...	10,997	Fikria	...	...	...	...	...	3,891
Shebin el-Qanater	...	...	...	...	...	10,838	Esna	...	...	...	...	...	3,879
Desouk	...	...	...	...	...	10,717	Assiout P.C. T.O.H.	...	...	...	...	...	3,827
No. 10, T.O.H.	...	...	...	...	...	10,573	Luxor	...	...	...	...	...	3,809
Qous	...	...	...	...	...	10,469	No. 2, T.O.H.	...	...	...	...	...	3,808
Zifta	...	...	...	...	...	10,368	No. 12, T.O.H.	...	...	...	...	...	3,800
Samalout	...	...	...	...	...	10,279	No. 9, T.O.H.	...	...	...	...	...	3,735
No. 12, T.O.H.	...	...	...	...	...	9,869	Fakous	...	...	...	...	...	3,726
Kom Hamada	...	...	...	...	...	9,697	Wasta	...	...	...	...	...	3,633
Wasta	...	...	...	...	...	9,505	Disouk	...	...	...	...	...	3,581
Aswân	...	...	...	...	...	9,469	Minouf	...	...	...	...	...	3,516
Kafr el-Zayat	...	...	...	...	...	9,447	Damanhour	...	...	...	...	...	3,454
Saff	...	...	...	...	...	9,435	Belbais	...	...	...	...	...	3,272
Taieba	...	...	...	...	...	9,323	Senbillawain	...	...	...	...	...	3,224
Rasheed	...	...	...	...	...	9,217	Deyrout	...	...	...	...	...	3,107
Edfou	...	...	...	...	...	9,011	Damietta	...	...	...	...	...	2,889
Belbais	...	...	...	...	...	8,639	Suez	...	...	...	...	...	2,872
Tala	...	...	...	...	...	8,586	Kafr el-Zayat	...	...	...	...	...	2,756
Fakous	...	...	...	...	...	8,465	Edfina	...	...	...	...	...	2,625
No. 4, T.O.H.	...	...	...	...	...	8,416	No. 3, T.O.H.	...	...	...	...	...	2,599
Daqahlia, T.O.H.	...	...	...	...	...	8,369	Rasheed	...	...	...	...	...	2,593
Sherbin	...	...	...	...	...	7,352	Mataria	...	...	...	...	...	2,513
No. 3, T.O.H.	...	...	...	...	...	7,344	Kom Hamada	...	...	...	...	...	2,319
Senbillawain	...	...	...	...	...	7,337	Edfou	...	...	...	...	...	2,318
Edfina	...	...	...	...	...	6,255	Delingat	...	...	...	...	...	2,109
No. 2, T.O.H.	...	...	...	...	...	6,129	Aswân	...	...	...	...	...	1,943
Fowa	...	...	...	...	...	5,548	Taieba	...	...	...	...	...	1,790
Delingat	...	...	...	...	...	4,932	Fowa	...	...	...	...	...	1,675
Akhmeem	...	...	...	...	...	1,427	Akhmeem	...	...	...	...	...	315
Naga Hammadi	...	...	...	...	...	311	Shubra Kheet	...	...	...	...	...	111
Shubra Kheet	...	...	...	...	...	246	NagHamadi	...	...	...	...	...	75
Beba	...	...	...	...	...	148	Beba	...	...	...	...	...	35

Number of working months :—

HOSPITAL	MONTHS	DAYS	HOSPITAL	MONTHS	DAYS
Biba (opened on December 29, 1936)	—	3	No. 4, T.O.H.	11	17
Naga Hamadi (opened on December 26, 1936)	—	6	„ 11 „	11	18
Akhmim (opened on December 12, 1936)	—	20	„ 3 „	11	18
Shoubrakheit (opened on December 7, 1936)	—	23	„ 8 „	11	18
No. 10, T.O.H.	11	15	Daqahlia P.C.,T. O.H.	11	18
„ 6, „	11	17	No. 5, T O.H.	11	19
			„ 9, „	11	20
			Other Ophthalmic Hospitals ...	12	—

TABLE VI.—AVERAGE NUMBER OF MONTHLY MAJOR AND MINOR OPERATIONS AT ALL OPHTHALMIC HOSPITALS DURING 1936

HOSPITALS	NUMBER OF MAJOR OPERATIONS	HOSPITALS	NUMBER OF MINOR OPERATIONS
Rod el-Farag	696	Rod el-Farag	873
Giza	500	Beni Suef	727
Assiout	388	Assiout	706
Benha	362	Tanta	507
Tanta	338	Giza	465
Beni Suef	325	No. 1, T.O.H.	417
Fayoum... ..	257	Shebin el Kom	388
Sohag	250	Fayoum... ..	383
No. 1, T.O.H.	247	Benha	338
Shebin el-Kom	229	Baliana	329
Mansoura	229	Maghagha	329
Zagazig	220	Shebin el-Qanater	320
Demerdash	218	Mahalla el Kubra	319
No. 11, T.O.H.	212	Alexandria	310
Mit Ghamr	197	No. 11, T.O.H.	310
Qena	183	Demerdash	309
Alexandria	174	Ashmoun	303
No. 5, T.O.H.	169	Zagazig... ..	295
Baliana	167	Mallawi... ..	294
Tala	164	Minia	293
Fashn	160	Mansoura	280
Wasta	156	Mit Ghamr	264
No. 7, T.O.H.	155	Fashn	262
Shebin el-Qanater	150	No. 5, T.O.H.	262
Mallawi... ..	149	Girga	260
Assiout, P.C.T.O.H.	147	Daqahlia P.C.T.O.H.	258
Sherbin	147	No. 6, T.O.H.	250
Minia	144	Port Said	246
Girga	144	Saff	244
Dayrout... ..	143	Sherbin... ..	242
Qous	142	No. 4, T.O.H.	240
No. 2, T.O.H.	140	Qous	238
Samalout	136	Zifta	230
No 12, T.O.H.	133	Samalout	226
No. 10, T O.H.	131	Sohag	225
Daqahlia, P.C.T.O.H....	130	Tala	225
No. 8, T.O.H.	130	Fekria	220
Santa	128	Esna	214
Mahalla el Kubra	127	Taieba	210
No. 4, T.O.H.	124	No. 8, T.O.H.	205
Luxor	123	No. 7, T.O.H.	201
Maghagha	122	Disouk	200
Edfina	122	Suez	194
Zifta	122	Fakous	193
No. 9, T.O.H.	119	No. 9, T.O.H.	193
Belbais	119	Luxor	193
No. 6, T.O.H.	118	No. 12, T.O.H.	183
Saff	118	Damanhour	182
Fakous	117	Minouf	181
Ashmoun	114	Qena	178
Minouf	112	No. 2, T.O.H.	177
Esna	109	Sinbellawain... ..	173
Shebin el-Kom	106	Assiout P.C.T.O.H.	171

TABLE IX.—AVERAGE TEMPERATURE

The average temperature was obtained by taking the monthly mean temperature of three places, one in Lower Egypt (Gemeiza), another in Cairo (Giza) and a third in Upper Egypt (Assiout). This is shown in appended table, the reading being in degrees Centigrade.

MONTHS	GEMEIZA	GIZA	ASSIOUT	AVERAGE
January	12·5	12·5	12·9	12·6
February	13·5	14·4	15·5	14·5
March	15·6	16·6	18·7	17·0
April... ..	19·8	20·6	24·0	21·5
May	22·3	23·3	27·2	24·3
June	25·0	25·8	28·5	26·4
July	27·4	28·0	29·6	28·3
August	26·7	27·0	29·5	27·7
September	23·6	23·6	25·6	24·3
October	22·6	24·0	25·6	24·1
November	18·6	19·4	20·3	19·4
December... ..	11·8	11·8	12·3	12·0

TABLE X.—SYNOPSIS OF WORK AT ALL OPHTHALMIC HOSPITALS SINCE 1933

	1933	1934	1935	1936
<i>Hospitals in existence :—</i>				
Travelling	14	14	14	14
Permanent	43	50	55	59
New patients treated	825,304	928,215	1,034,986	1,133,599
Total attendances of out-patients	6,677,911	7,251,382	7,525,063	7,741,226
Operations performed... ..	276,424	305,206	334,866	344,661
In-patients	25,728	27,860	32,623	35,246
<i>Details :—</i>				
Patients examined	838,625	944,871	1,049,584	1,145,321
Patients regularly treated	825,304	928,215	1,034,986	1,133,599
Incurable cases	3,996	3,654	4,246	3,746
Blind in one eye	45,980	47,122	51,525	53,520
„ both eyes	10,870	11,371	11,361	12,800
Trichiasis cases examined	67,373	81,583	89,108	87,579
„ eyes operated on and cured	82,950	89,674	99,474	103,606

TABLE XI.—CAUSES OF BLINDNESS

A.—Congenital	14
B.—Acquired :—	
I.—Conjunctivitis resulting in :—	
(a) Total corneal opacity	18,478
(b) Shrunken globe	22,097
(c) Secondary glaucoma	11,025
(d) Other conditions	2,866
II.—Fundus :—	
(a) Optic atrophy	131
(b) Optic neuritis... ..	26
(c) Retinitis pigmentosa	29
(d) Detachment of retina	84
(e) Other diseases of fundus	129
III.—Glaucoma, primary :—	
(a) Monocular (including absolute Number 2,464)	3,665
(b) Binocular („ „ „ 1,585)	2,394
IV.—Injury	379
V.—Operation	100
VI.—Infectious diseases	6
VII.—Iritis endogenous	858
VIII.—Various	1,442
Total excluding cataract cases	63,723
Cataract cases	3,183
GRAND TOTAL	66,906

BLINDNESS (INCLUDING CATARACT CASES)

TOTAL (a) AND (b)		(b) BINOCULAR (3)		(a) MONOCULAR (2)		Total Number of patients examined (1)
Per cent	Number of cases	Per cent	Number of cases	Per cent	Number of cases	
5.78	66,320	1.11	12,800	4.67	53,520	1,145,321

BLINDNESS (EXCLUDING CATARACT CASES)

5.5	63,137	0.99	11,430	4.51	51,707	1,145,321
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(1) Equal incurable + postponed + tickets issued,
(2) Equal blind in one eye, page 9.
(3) „ „ both eyes, page 9.

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES

	1933	1934	1935	1936
	%	%	%	%
<i>Permanent Ophthalmic Hospitals :—</i>				
Tanta	4·13	3·46	3·21	3·07
Assiout	8·37	8·28	7·20	5·49
Mansoura	8·54	6·04	5·24	4·58
Beni Suef	11·60	6·48	5·91	5·37
Zagazîg	4·99	8·35	7·30	7·25
Damanhour	6·59	6·48	6·24	6·18
Shibin el-Kôm	4·69	4·99	4·41	4·34
Sohag	12·37	12·25	12·14	9·93
Minya	13·42	10·32	7·49	7·19
Fayoum	9·26	8·22	7·96	7·63
Banha	4·46	4·44	3·99	3·32
Alexandria	4·49	4·52	4·42	4·96
Port Said	3·75	6·23	7·21	7·13
Qena... ..	8·78	8·50	8·12	8·02
Damietta	5·93	4·85	5·16	4·65
Gîza	5·46	4·92	5·06	4·93
Suez	4·18	3·95	3·72	3·84
Kom Hamada	6·57	3·73	3·16	2·57
Mallawi	2·28	3·50	5·52	5·13
Mît Ghamr... ..	6·15	3·99	3·81	3·57
Maghagha	7·53	7·96	7·87	7·53
Fikrîya	4·45	4·38	5·80	4·18
Aswân	7·73	8·03	9·20	8·47
Rod el-Farag	4·85	4·39	4·76	2·95
Taieba	4·68	4·64	4·06	4·81
Esna	8·17	6·81	6·58	6·12
Disouk	9·14	8·88	5·55	8·41
Demerdash... ..	3·32	3·05	3·02	2·80
Matarîya	3·61	3·90	3·84	3·90
Luxor... ..	15·16	12·19	9·70	8·51
Rasheed	7·44	5·23	4·14	3·88
Fakous	5·12	5·04	5·29	5·36
Girga	8·47	6·30	7·69	6·55
Mahalla el-Kubra	4·88	3·79	3·67	4·53
Kafr el-Zayât	5·84	4·59	4·71	4·54
Santa	4·43	3·32	4·64	3·55
Minouf... ..	4·44	4·13	3·32	3·09
Ashmoun	6·59	4·57	3·97	3·80
Fowa	3·90	5·09	5·10	5·09
Delingat	15·87	9·50	9·36	9·40
Edfou	8·20	5·66	5·85	6·67
El-Saff... ..	6·65	5·44	5·38	4·54
Zifta	6·48	6·34	7·26	6·37
Edfina... ..	—	8·23	8·12	7·94
Tala	—	8·70	8·85	7·92
Sherbin	—	6·08	5·44	4·80
Senbillawain	—	10·57	9·01	6·55
Samalout	—	17·39	9·34	7·88
Wasta	—	7·41	6·82	6·98
Dayrout	—	6·55	7·63	4·72
Shibin el-Qanater	—	—	9·03	7·97
Belbais	—	—	7·36	7·65
El-Fashn	—	—	10·08	9·68
Balyana	—	—	6·31	6·07
Qous	—	—	12·62	7·90
Akhmeim	—	—	—	17·20
Shubrakheit	—	—	—	13·14
Naga Hamadi	—	—	—	13·82
Biba	—	—	—	13·89
<i>Travelling Ophthalmic Hospitals :—</i>				
No. 1, Travelling (Citadel)	10·26	9·06	8·17	7·57

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES (*contd.*)

	1933	1934	1935	1936
	%	%	%	%
No. 2, Travelling :				
El-Mahmoudia	7·34	—	—	—
Shobrakhit	14·16	9·80	—	—
Etiai el-Baroud	—	10·00	8·98	7·43
Abo Hommos	—	—	—	8·82
No. 3, Travelling :				
Kom Ombo... ..	5·93	6·99	6·08	6·88
Daraw	7·38	7·25	6·41	6·99
No. 4, Travelling :				
Hihia	—	—	7·59	5·78
Kafr Sakr	8·24	8·48	—	—
Minia el-Qamh	—	7·27	8·32	—
Ismailia	—	—	—	7·34
No. 5, Travelling :				
Tahta	—	6·49	4·74	4·74
Akhmîm	12·66	12·3	—	—
El-Minshah... ..	—	—	—	4·10
No. 6, Travelling :				
Bagour... ..	—	—	6·22	6·35
Berket el-Sabbe... ..	6·04	8·24	—	—
El-Shouhada	7·96	—	—	—
Tonoub	—	6·32	6·25	—
Minshat Sultan... ..	—	—	—	6·79
No. 7, Travelling :				
Biba	—	9·41	9·21	—
Meniet el-Hait	10·24	10·21	—	—
Abshway	—	—	—	7·03
No. 8, Travelling :				
Bani Mazar	—	4·39	4·50	2·81
Abalwakf	—	—	—	4·06
No. 9, Travelling :				
Embaba	5·86	4·52	—	—
El-Ayat	—	4·51	5·72	6·79
El-Hawamdiya	—	—	4·47	5·09
Oseem... ..	6·02	—	—	—
No. 10, Travelling :				
Nag Hammadi	8·36	—	7·86	10·07
Deshna	9·85	7·46	—	—
Qous	—	11·75	10·40	—
El-Matania	—	—	—	7·44

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES (*contd.*).

	1933	1934	1935	1936
	%	%	%	%
No. 11, Travelling :				
Toukh	—	—	4·03	5·01
El-Kanater el-Khairiya	—	—	—	8·03
Qaliub	5·00	4·81	4·98	—
No. 12, Travelling :				
Kafr el-Sheikh	3·54	4·77	—	—
Basyoun	—	4·04	4·88	—
Samannoud	—	—	4·68	4·99
Assiout Provincial Council :				
Manfalout	3·81	—	4·73	4·67
Dayrout	2·90	—	—	—
Abnoub	—	3·08	—	—
Abou Tig	—	4·00	—	—
El-Badâri	4·49	—	—	—
Sahel Seleim	—	—	5·37	—
Daqahliya Provincial Council :				
Aga	5·65	—	5·79	4·77
Diarb Negm	7·17	8·30	—	—
Dikirnis	—	5·94	7·79	—
Fareskour	3·83	—	4·42	—
El Zarka	—	—	—	4·58

N.B.—It is noticed in this table that the percentage of blindness varies in one hospital in different years. This is most probably due to several reasons, the important of which are : that the same blind patient might have visited the same hospital several times, that the patient might have visited several hospitals, that the surgeons of the same hospital are changed and also due to the amount of care exercised in booking these cases.

TABLE XIII.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909

YEAR	TOTAL NUMBER OF PATIENTS EXAMINED	ONE EYE, INCLUDING CATARACT CASES		BOTH EYES INCLUDING CATARACT CASES		ONE EYE AND BOTH EYES, INCLUDING CATARACT CASES		ONE EYE, EXCLUDING CATARACT CASES		BOTH EYES, EXCLUDING CATARACT CASES		ONE EYE AND BOTH EYES, EXCLUDING CATARACT CASES	
		Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
1909	...	2,116	9.4	1,385	6.1	3,501	15.6	—	—	—	—	—	—
1910	...	2,438	9.5	2,010	7.8	4,448	17.4	—	—	—	—	—	—
1911	...	3,196	10.2	2,811	8.9	6,007	19.2	—	—	—	—	—	—
1912	...	4,115	9.4	2,824	6.4	6,939	15.2	—	—	—	—	—	—
1913	...	5,361	8.6	2,878	6.2	9,238	14.8	—	—	—	—	—	—
1914	...	6,425	8.5	3,591	4.7	10,016	13.2	—	—	—	—	—	—
1915	...	5,637	7.8	2,992	4.2	8,629	12.0	—	—	—	—	—	—
1916	...	7,042	7.4	3,504	3.7	10,546	11.2	—	—	—	—	—	—
1917	...	9,285	9.3	4,611	4.6	13,996	13.9	—	—	—	—	—	—
1918	...	8,969	9.9	4,261	4.7	13,230	14.6	—	—	—	—	—	—
1919	...	8,537	10.2	4,278	5.1	12,815	15.3	—	—	—	—	—	—
1920	...	9,833	9.1	5,154	4.7	14,987	13.8	—	—	—	—	—	—
1921	...	10,566	8.3	5,055	3.9	15,619	12.2	—	—	—	—	—	—
1922	...	12,524	8.5	4,850	3.3	17,374	11.8	—	—	—	—	—	—
1923	...	14,394	8.3	5,146	2.9	19,540	11.2	—	—	—	—	—	—
1924	...	16,535	8.0	5,716	2.8	22,251	10.8	—	—	—	—	—	—
1925	...	19,422	7.9	6,137	2.5	25,559	10.4	—	—	—	—	—	—
1926	...	21,979	7.7	6,702	2.6	28,681	10.1	—	—	—	—	—	—
1927	...	26,591	7.4	8,689	2.4	35,280	9.8	—	—	—	—	—	—
1928	...	28,816	7.2	8,592	2.1	37,408	9.3	—	—	—	—	—	—
1929	...	21,393	6.6	8,697	2.8	40,590	8.4	—	—	—	—	—	—
1930	...	36,021	6.6	9,513	1.7	45,534	8.4	—	—	—	—	—	—
1931	...	28,433	5.9	9,489	1.4	47,922	7.3	—	—	—	—	44,851	6.9
1932	...	40,215	5.4	10,740	1.5	50,955	6.9	36,945	5.0	11,220	1.5	48,165	6.5
1933	...	45,980	5.4	10,870	1.3	56,850	6.7	44,025	5.2	10,193	1.2	54,218	6.4
1934	...	47,122	5.0	11,371	1.2	58,493	6.2	45,056	4.8	10,519	1.1	55,575	5.9
1935	...	51,525	4.9	11,361	1.1	62,886	6.0	48,984	4.7	10,497	1.0	59,481	5.7
1936	...	53,520	4.7	12,800	1.1	66,320	5.8	51,707	4.5	11,430	1.0	63,137	5.5
TOTAL	...	568,589	6.2	177,125	2.0	745,614	8.1	226,717	2.4	53,859	0.5	325,427	3.5

N.B.—The definition of blindness adopted here is that proposed by Trousseau, that is to say, inability to count fingers held up at a distance of one metre.

TABLE XIV.—YEARLY PERCENTAGE OF BLINDNESS AMONG OPHTHALMIC HOSPITALS' PATIENTS
SINCE THE YEAR 1909

YEAR	Percentage of Blindness in one or both Eyes, including Cataract Cases	Percentage of Blindness in one or both Eyes, excluding Cataract Cases	YEAR	Percentage of Blindness in one or both Eyes, including cataract Cases	Percentage of Blindness in one or both Eyes excluding Cataract Cases
1909	15.6	—	1923	11.2	—
1910	17.4	—	1924	10.8	—
1911	19.2	—	1925	10.4	—
1912	15.2	—	1926	10.1	—
1913	14.8	—	1927	9.8	—
1914	13.2	—	1928	9.3	—
1915	12.0	—	1929	8.4	—
1916	11.2	—	1930	8.4	—
1917	13.9	—	1931	7.3	6.9
1918	14.6	—	1932	6.9	6.5
1919	15.3	—	1933	6.7	6.4
1920	13.8	—	1934	6.2	5.9
1921	12.2	—	1935	6.0	5.7
1922	11.8	—	1936	5.8	5.5

N.B.—The definition of blindness adopted here is that proposed by Trousseau, that is to say inability to count fingers held up at a distance of one metre.

TABLE XV.—PRIMARY GLAUCOMA

Acute	199
Subacute	540
Chronic	6,782
TOTAL	*7,521
Total number of patients examined	1,145,321
Per cent of glaucoma cases	0.65
Per cent of absolute glaucoma cases	0.35
Operations :—	
Iridectomy	1,666
Trephining with iridectomy	1,182

* Including 4,049 absolute monocular and binocular.

TABLE XVI.—INCIDENCE OF PRIMARY GLAUCOMA SINCE 1925

Varieties	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Acute	30	32	56	37	53	50	82	36	102	66	147	199
Subacute	144	184	168	326	261	295	183	202	288	352	454	540
Chronic	3,087	3,401	3,916	4,320	5,050	6,380	5,552	6,276	6,223	7,093	7,079	6,782
TOTAL*	3,261	3,617	4,140	4,683	5,364	6,725	5,817	6,514	6,613	7,511	7,680	7,521
TOTAL number of patients examined	246,771	283,602	361,577	401,530	479,932	539,318	652,338	737,990	838,625	944,871	1,049,584	1,145,321
Per cent of glaucoma cases	1.32	1.27	1.14	1.16	1.12	1.25	0.89	0.88	0.79	0.79	0.73	0.65
Per cent of absolute glaucoma cases	0.68	0.76	0.68	0.68	0.62	0.70	0.53	0.55	0.41	0.42	0.41	0.35
Operations:												
Iridectomy	753	668	588	877	959	1,101	1,030	981	1,719	1,865	1,593	1,666
Trephining with iridectomy	991	1,073	954	1,190	1,196	1,144	1,093	1,107	1,332	1,295	1,295	1,182

* Including absolute monocular and binocular.

TABLE XX.—NUMBER OF BEDS AT ALL OPHTHALMIC HOSPITALS

HOSPITALS										FIRST	SECOND	THIRD
No. 1, Travelling...	...	...	...	...	...	...	...	...	...	—	—	30
" 2 "	...	...	...	...	...	...	...	...	...	—	—	20
" 3 "	...	...	...	...	...	...	...	...	...	—	—	20
" 4 "	...	...	...	...	...	...	...	...	...	—	—	20
" 5 "	...	...	...	...	...	...	...	...	...	—	—	20
" 6 "	...	...	...	...	...	...	...	...	...	—	—	20
" 7 "	...	...	...	...	...	...	...	...	...	—	—	20
" 8 "	...	...	...	...	...	...	...	...	...	—	—	20
" 9 "	...	...	...	...	...	...	...	...	...	—	—	20
" 10 "	...	...	...	...	...	...	...	...	...	—	—	20
" 11 "	...	...	...	...	...	...	...	...	...	—	—	20
" 12 "	...	...	...	...	...	...	...	...	...	—	—	20
Tanta	...	...	...	...	...	...	...	...	...	—	—	43
Assiout	...	...	...	...	...	...	...	...	...	1	—	55
Mansoura	...	...	...	...	...	...	...	...	...	—	—	78
Beni Suef	...	...	...	...	...	...	...	...	...	—	—	56
Zagazig	...	...	...	...	...	...	...	...	...	—	—	36
Damanhour	...	...	...	...	...	...	...	...	...	—	—	34
Shibin el-Kôm	...	...	...	...	...	...	...	...	...	—	—	27
Sohâg	...	...	...	...	...	...	...	...	...	—	—	23
Minya	...	...	...	...	...	...	...	...	...	—	—	25
Fayoum	...	...	...	...	...	...	...	...	...	—	—	10
Benha	...	...	...	...	...	...	...	...	...	—	—	24
Alexandria	...	...	...	...	...	...	...	...	...	—	—	54
Port Said	...	...	...	...	...	...	...	...	...	2	4	42
Qena	...	...	...	...	...	...	...	...	...	—	—	31
Damietta	...	...	...	...	...	...	...	...	...	—	—	35
Giza	...	...	...	...	...	...	...	...	...	—	—	77
Mallawi	...	...	...	...	...	...	...	...	...	—	—	11
Suez	...	...	...	...	...	...	...	...	...	—	—	25
Mit Ghamr	...	...	...	...	...	...	...	...	...	—	—	12
Maghagha	...	...	...	...	...	...	...	...	...	—	—	15
Fikria	...	...	...	...	...	...	...	...	...	—	—	13
Aswân	...	...	...	...	...	...	...	...	...	—	—	23
Rod el-Farag	...	...	...	...	...	...	...	...	...	2	4	135
Taieba	...	...	...	...	...	...	...	...	...	—	—	8
Esna	...	...	...	...	...	...	...	...	...	—	—	24
Disouk	...	...	...	...	...	...	...	...	...	—	—	12
Demerdash	...	...	...	...	...	...	...	...	...	—	—	16
Matarîya...	...	...	...	...	...	...	...	...	...	—	—	23
Santa	...	...	...	...	...	...	...	...	...	—	—	10
Daqahlia P.C.T.O.H....	...	...	...	...	...	...	...	...	...	—	—	12
Luxor	...	...	...	...	...	...	...	...	...	—	—	25
Rasheed	...	...	...	...	...	...	...	...	...	—	—	12
Fakous	...	...	...	...	...	...	...	...	...	—	—	12
Girga	...	...	...	...	...	...	...	...	...	—	—	12
Ashmoun	...	...	...	...	...	...	...	...	...	—	—	8
Fowa	...	...	...	...	...	...	...	...	...	—	—	6
Saff...	...	...	...	...	...	...	...	...	...	—	—	8
Dilingat	...	...	...	...	...	...	...	...	...	—	—	12
Edfou	...	...	...	...	...	...	...	...	...	—	—	10
Kom Hamada	...	...	...	...	...	...	...	...	...	—	—	8
Mahalla	...	...	...	...	...	...	...	...	...	—	—	12
Kafr el-Zayat	...	...	...	...	...	...	...	...	...	—	—	12
Edfina	...	...	...	...	...	...	...	...	...	—	—	34
Tala...	...	...	...	...	...	...	...	...	...	—	—	8
Sherbin	...	...	...	...	...	...	...	...	...	—	—	12
Senbillawain	...	...	...	...	...	...	...	...	...	—	—	12
Samalout	...	...	...	...	...	...	...	...	...	—	—	21
Wasta	...	...	...	...	...	...	...	...	...	—	—	12
Dayrout	...	...	...	...	...	...	...	...	...	—	—	12
Shebin el-Qanater	...	...	...	...	...	...	...	...	...	—	—	8
Bilbeis	...	...	...	...	...	...	...	...	...	—	—	8
Fashn	...	...	...	...	...	...	...	...	...	—	—	8
Baliana	...	...	...	...	...	...	...	...	...	—	—	8
Quous	...	...	...	...	...	...	...	...	...	—	—	8
Shubra Khiet	...	...	...	...	...	...	...	...	...	—	—	8
Akhmeim	...	...	...	...	...	...	...	...	...	—	—	8
Naga Hamadi	...	...	...	...	...	...	...	...	...	—	—	8
Biba...	...	...	...	...	...	...	...	...	...	—	—	8
TOTAL										5	8	1,556

TABLE XXI.—Cost of Uniform Diets for the In-patients of the Ophthalmic Hospitals
During 1936, excluding Cost of Rations for Employees

HOSPITALS (1)	Number of Diets issued.	Total Cost (2)		Cost per Head per Day
		L.E.	Mills.	
Beni Suef	23,855	378	15·8	
Mansoura	27,396	506	18·4	
Sonhag	11,384	214	18·8	
Qena	13,338	255	19·1	
Damanhour	12,810	252	19·6	
Tanta	19,498	393	20·2	
Shebin el-Kom	12,052	245	20·3	
No. 1, T.O.H. (3)	16,881	343	20·3	
Daqahlia P.C. T.O.H.	3,178	65	20·4	
Port-Said	20,126	419	20·7	
Zagazig	17,515	364	20·7	
Benha	12,829	268	20·8	
Giza	40,488	845	20·8	
Rod el-Farag	52,733	1,131	21·0	
Minia	11,082	244	22·0	
No. 12, T.O.H.	9,734	220	22·6	
Maghagha	8,114	185	22·8	
No. 5, T.O.H.	9,564	220	23·0	
No. 9, T.O.H.	9,157	211	23·0	
No. 8, T.O.H.	11,034	260	23·5	
Assiout	28,203	668	23·6	
No. 7, T.O.H.	9,874	243	24·6	
No. 4, T.O.H.	8,742	216	24·7	
Fayoum	9,328	231	24·7	
Mataria	8,718	219	25·1	
No. 3, T.O.H.	8,085	205	25·3	
Mahalla El Kubra	3,771	100	26·5	
No. 11, T.O.H.	9,374	252	26·8	
No. 6, T.O.H.	8,254	227	27·5	
No. 10, T.O.H.	8,183	228	27·8	
Santa	3,767	106	28·1	
No. 2, T.O.H.	9,438	265	28·3	
Edfina	15,171	432	28·5	
Samalout	10,035	278	28·5	
Kafr el-Zayat	2,417	79	32·7	
TOTAL	487,128	10,777	22·3	

(1) Excluding Ophthalmic Branches at General Hospitals.

(2) Fuel excluded.

(3) Diets were bought locally.

Scale of full diet as given to every in-patient at Ophthalmic Hospitals

	Gramme
Bread	600
Beef	150
Vegetables	150
Lentils... ..	75
Rice	75
Milk	200
Sugar	30
Native butter (<i>Samna Baladi</i>)	15
Salt	20

TABLE XXII.—SOURCES OF PROVISION OF OPHTHALMIC HOSPITALS

HOSPITALS	Date at which opened	Government Grant	Public Subscription or Private Charity	Grant of Provincial Councils or Municipalities
		L.E.	L.E.	L.E.
No. 1, Travelling, retained at Cairo for provision of clinical facilities for teaching	1904	—	1,000	—
No. 2, Travelling	1905	—	1,000	—
Tanta	1908	8,463	—	—
Assiout	1911	8,817 and Site	5,004	—
Mansoura	1912	—	5,000	—
Beni Suef	1912	—	4,000	—
Assiout Travelling P.C....	1912	—	—	720
Zagazîg	1913	—	—	4,288
Mahalla el-Kubra	1913	—	—	2,400
Kafr el Zaiyât	1913	—	—	2,200
Daqahlia Travelling P.C. ...	1913	—	—	720
Damanhour	1914	—	—	5,000
Shibîn el-Kôm	1914	—	5,422	—
Sohâg	1914	960	4,000	—
Minya	1915	—	—	5,500
Santa	1915	—	—	2,600
Fayoum	1916	Site	—	4,000
No. 3, Travelling	1918	—	—	1,500
Benha	1920	—	14,000	—
Alexandria (Oph. Branch) ...	1920	Annexed to General Hospital	—	—
Port Said... ..	1921	18,620	—	1,000
Qena... ..	1923	—	12,400	2,800
Damietta (Oph. Branch) ...	1923	{ 1,000	240	—
“Fouad I” Oph. H., Gîza ...	1924	Annexed to General Hospital	—	—
Suez (Oph. Branch)	1924	3,000 and Site	8,668	600
No. 4 Travelling	1925	Annexed to General Hospital	—	—
No. 5 ”	1925	2,000	—	—
Menouf	1925	2,000	—	—
Ashmoun... ..	1925	—	—	950
Memorial Ophthalmic Laboratory, Gîza	1925	—	—	950
Kom Hamada (Oph. Branch)	1926	2,000	6,600	—
Mallawi (Oph. Branch) ...	1926	Annexed to General Hospital	—	800
No. 6, Travelling	1927	2,280 ”	” ”	—
No. 7 ”	1927	2,280	—	—
Mit Ghamr (Oph. Branch)...	1927	Annexed to General Hospital	—	800
Gharbiya Travelling	1927	—	—	1,500
Maghagha	1927	—	1,000 and site	5,000
No. 8 Travelling	1928	2,500	—	—
No. 9 ”	1928	2,500	—	—
No. 10 ”	1928	2,500	—	—
Fikria (Oph. Branch)	1928	Annexed to General Hospital	—	800
No. 11, Travelling	1928	2,500	—	—
Aswân (Oph. Branch)	1929	6,450 and Annexed to General Hospital	—	—
Princess “Fawkiya” (Oph. Hosp.) Rod el-Farag... ..	1929	25,000	—	—
Taieba (Oph. Branch)	1929	Annexed to General Hospital	—	—
Esna (Oph. Branch)	1929	”	” ”	—
Disouk (Oph. Branch)... ..	1930	”	” ”	—
Demerdash (Oph. Branch) ...	1931	”	” ”	—
Luxor (Oph. Branch)	1931	”	” ”	—
Matariya	1931	11,000	—	Site
Rasheed (Oph. Branch) ...	1932	Annexed to General Hospital	—	—
Fakous (” ”)	1932	”	” ”	—
Girga (” ”)	1932	”	” ”	—
Dilingat (” ”)	1933	”	” ”	—
Saff (Oph. Branch)	1933	”	” ”	—
Edfou (Oph. Branch)	1933	”	” ”	—
Zifta... ..	1933	—	{ Site, Building and Furniture }	—
No. 12, Travelling... ..	1933	2,500	—	—
Fowa	1933	—	—	1,380
Edfina	1934	1,650 Site and Building from the Royal Wakfs	—	—
Tala	1934	Annexed to General Hospital	—	500
Sherbin (Opth. Branch) ...	1934	”	” ”	—
Senbellawain (Oph. Branch)	1934	”	” ”	—
Samalout... ..	1934	—	—	5,447 and Site
Wasta (Oph. Branch)	1934	Annexed to General Hospital	—	500
Dayrout (Oph. Branch) ...	1934	”	” ”	—

TABLE XXII.—SOURCES OF PROVISION OF OPHTHALMIC HOSPITALS (*contd.*).

HOSPITALS	Date at which opened	Government Grant	Public Subscription or Private Charity	Grant of Provincial Councils or Municipalities
		L.E.	L.E.	L.E.
Shebin el-Qanater... ..	1935	Annexed to General Hospital		—
Bilbais	1935	"	"	550
Fashn	1935	"	"	550
Baliana	1935	"	"	—
Qous	1935	"	"	—
Akhmeem	1936	"	"	—
Shubrakheit	1936	"	"	—
Naga Hamadi... ..	1936	"	"	—
Biba	1936	"	"	—
TOTAL		108,020	68,312	53,855

TABLE XXIII.—ACTUAL EXPENDITURE 1936.—(A) GENERAL ADMINISTRATION

CHAPTER	Expenditure
	L.E.
Pensionable Staff	6,671
Hors Cadre Staff	373
Transport, Transfer and Travelling Allowance	580
Telephones	—
Telegraphs	—
TOTAL	7,624

* Included in the general expenditure of the various units of the whole Department.

TABLE XXIV.—ACTUAL EXPENDITURE 1936.—(B) GOVERNMENT OPHTHALMIC HOSPITALS

CHAPTER	Total Actual Expenditure
	L.E.
Pensionable Staff	28,539
Hors Cadre Staff	24,412
Transport, Transfer and Travelling Allowance	2,410
Food	10,492
Forage	77
Water	1,565
Light	565
Disposal of Sewage	90
Fuel	369
Rent	23
Telegrams and Telephones	183
Stores :—	
General Equipment... ..	7,756
Surgical	955
„ Instruments	1,910
Drugs	1,969
Dressings	1,860
Transport of Stores	138
Petty Expenses... ..	323
TOTAL	83,636

TABLE XXV.—ACTUAL EXPENDITURE 1936.—GOVERNMENT OPHTHALMIC HOSPITALS (per Unit)

Hospitals										L.E.	Hospitals										L.E.
No. 1, T.O.H	...	...	...	...	...	...	...	...	...	3,010	Damietta Branch	...	...	...	...	...	...	...	...	...	658
" 2 "	...	...	...	...	...	...	...	...	...	1,772	Suez Branch	...	...	...	...	...	...	...	...	...	698
" 3 "	...	...	...	...	...	...	...	...	...	1,455	Kom Hamada Branch	...	...	...	...	...	...	...	...	...	443
" 4 "	...	...	...	...	...	...	...	...	...	1,610	Mallawy Branch	...	...	...	...	...	...	...	...	...	512
" 5 "	...	...	...	...	...	...	...	...	...	1,558	Mit Ghamr Branch	...	...	...	...	...	...	...	...	...	738
" 6 "	...	...	...	...	...	...	...	...	...	1,460	Fikria Branch	...	...	...	...	...	...	...	...	...	481
" 7 "	...	...	...	...	...	...	...	...	...	1,417	Aswân Branch	...	...	...	...	...	...	...	...	...	715
" 8 "	...	...	...	...	...	...	...	...	...	1,820	Taieba Branch	...	...	...	...	...	...	...	...	...	477
" 9 "	...	...	...	...	...	...	...	...	...	1,545	Disouk Branch	...	...	...	...	...	...	...	...	...	377
" 10 "	...	...	...	...	...	...	...	...	...	1,744	Esna Branch	...	...	...	...	...	...	...	...	...	459
" 11 "	...	...	...	...	...	...	...	...	...	1,908	Demerdash Branch	...	...	...	...	...	...	...	...	...	318
" 12 "	...	...	...	...	...	...	...	...	...	1,522	Luxor Branch	...	...	...	...	...	...	...	...	...	444
Tanta	...	...	...	...	...	...	...	...	...	2,909	Rasheed Branch	...	...	...	...	...	...	...	...	...	317
Assiout	...	...	...	...	...	...	...	...	...	2,977	Fakous Branch	...	...	...	...	...	...	...	...	...	457
Mansoura	...	...	...	...	...	...	...	...	...	2,652	Girga Branch	...	...	...	...	...	...	...	...	...	397
Beni Suaf	...	...	...	...	...	...	...	...	...	2,107	Saff Branch	...	...	...	...	...	...	...	...	...	426
Zagazîg	...	...	...	...	...	...	...	...	...	2,217	Dilingat Branch	...	...	...	...	...	...	...	...	...	321
Damanhour	...	...	...	...	...	...	...	...	...	1,678	Edfou Branch	...	...	...	...	...	...	...	...	...	366
Shebîn el-Kôm	...	...	...	...	...	...	...	...	...	1,959	Shirbin Branch	...	...	...	...	...	...	...	...	...	431
Sohâg	...	...	...	...	...	...	...	...	...	1,905	Senbellawain Branch	...	...	...	...	...	...	...	...	...	444
Minya	...	...	...	...	...	...	...	...	...	2,113	Wasta Branch	...	...	...	...	...	...	...	...	...	435
Fayoum	...	...	...	...	...	...	...	...	...	1,975	Dairout Branch	...	...	...	...	...	...	...	...	...	436
Benha	...	...	...	...	...	...	...	...	...	1,891	Shebin el-Qanater Branch	...	...	...	...	...	...	...	...	...	426
Port Said	...	...	...	...	...	...	...	...	...	2,410	Baliana Branch	...	...	...	...	...	...	...	...	...	420
Qena	...	...	...	...	...	...	...	...	...	1,740	Qous Branch	...	...	...	...	...	...	...	...	...	438
Giza	...	...	...	...	...	...	...	...	...	7,413	Akhmeem Branch	...	...	...	...	...	...	...	...	...	32
Edfina	...	...	...	...	...	...	...	...	...	1,694	Shubra Kheet Branch	...	...	...	...	...	...	...	...	...	39
Samalout	...	...	...	...	...	...	...	...	...	1,579	Naga Hamadi Branch	...	...	...	...	...	...	...	...	...	40
Maghagha	...	...	...	...	...	...	...	...	...	1,565	Beba Branch	...	...	...	...	...	...	...	...	...	—
Rod el-Farag	...	...	...	...	...	...	...	...	...	7,675											
Matariya	...	...	...	...	...	...	...	...	...	1,085											
Alexandria Branch and School	...	...	...	...	...	...	...	...	...	1,526											
											TOTAL										83,636

N.B.—Expenditure of Ophthalmic Branches does not include Stores which form part of General Hospitals Expenditures.

TABLE XXVI.—ACTUAL EXPENDITURE 1936.—PROVINCIAL COUNCIL OPHTHALMIC HOSPITALS (per Unit)

																		L.E.
<i>Gharbîya Provincial Council :—</i>																		
Mahalla el-Kubra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	974
Kafr el-Zaiyât	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	939
Santa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	828
Fowa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	424
Zifta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	447
<i>Assiout Provincial Council :—</i>																		
Travelling Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	514
<i>Menûfiya Provincial Council :—</i>																		
Menûf	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	430
Ashmûn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	589
Tala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	591
<i>Sharqia Provincial Council :—</i>																		
Belbais	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	536
<i>Minia Provincial Council :—</i>																		
Fashn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	450
<i>Daqahlîya Provincial Council :—</i>																		
Travelling Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	938
																Total	...	7,660

TABLE XXVII.—COMPARISON OF THE COST OF MAINTENANCE OF A PERMANENT
OPHTHALMIC HOSPITAL IN 1914 AND 1936

	Number	1914	TOTAL	Number	1936	TOTAL		
		L.E.	L.E.		L.E.	L.E.		
ART. 1.—Salaries, Wages, and Allowances :—								
A.—Pensionable Staff :								
Medical Officers	2	336	396	2	420	492		
Clerk	1	60		1	72			
	3			3				
B.—Hors Cadre Staff :								
Moawin	1	48	276	1	60	378		
Chief attendant	1	36		2	72			
Attendants (male)	2	42		2	48			
” (female)	2	36		2	36			
Cook	1	24		1	42			
Saii	1	18		1	24			
Gardener	—	—		1	24			
Bawab	1	18		1	24			
Subordinate staff	3	54		2	48			
	12			13				
C.—Allowances... ..								
		72		72	—		—	
ART. 2.—Transport, Transfer and Travelling Allowance :—								
Transport	}	50	50	66	66			
Transfer								
Travelling allowance								
ART. 3.—Food								
			139		261			
ART. 5.—Rent, Water, Lighting, etc. :—								
Water		30	102	40	115			
Lighting		40		40				
Fuel		20		30				
Sewage		12		5				
ART. 6 —Books and Periodicals								
			1		1			
ART. 7.—Telegrams and Telephones :—								
Telegrams	}	9	9	10	10			
Telephones								
ART. 8.—Petty Expenses								
			12		4			
ART. 11 —Stores								
			300		306			
TOTAL								
			1,357		1,633			



Statistics of Ophthalmic Treatment in Schools, 1936-1937

Ophthalmic treatment has been carried out at the primary Gouvernement Schools of Tanta, Assioût, Mansûra, Beni Suef, Zagazig, Damanhûr, Shebîn el-Kôm, Suhâg, Minya, Faiyûm, Gîza, Benha, (Moharram Bey, Râs el-Tîn and Karmouz at Alexandria), (Abbâs-sîya, Mohammad Aly, Munîra, Mohammadiya, Gamaliya, Abbas, Bab el-Shaarîya, Abdîn, Qerabîya, Shubra, Nahhassîn, Zaher, Amir Farouk, at Cairo), Qena, Port Said, Damietta, Suez, Aswân and Esna.

TABLE I (a).—CONDITION OF CONJUNCTIVA (Beginning of the Year)

SCHOOL	No Trachoma	TRACHOMA				TOTAL
		I	II	III	IV	
Tanta	8	111	38	56	51	264
Per cent	3·20	32·09	14·23	19·37	—	
Assiout	—	73	94	43	98	308
Per cent	—	23·00	31·20	13·96	31·84	
Mansoura	3	245	73	166	186	673
Per cent	·44	36·00	11·00	24·62	27·94	
Beni Suef	3	22	50	178	135	388
Per cent	·77	6·67	13·12	45·61	34·83	
Zagazig	6	82	77	50	44	259
Per cent	2·33	31·64	29·72	19·33	16·98	
Damanhour	5	38	31	130	54	258
Per cent	2·32	14·34	12·16	50·22	20·96	
Shibîn el-Kôm	—	54	82	91	26	253
Per cent	—	21·35	32·40	35·97	10·28	
Sohâg	—	60	50	155	45	310
Per cent	—	19·36	16·16	50·00	14·48	
Minya	2	18	36	31	62	149
Per cent	1·34	10·11	25·12	20·21	41·22	
Fayoum	1	4	54	85	45	189
Per cent	·52	2·1	28·00	44·90	24·48	
Giza	—	47	27	119	188	381
Per cent	—	12·33	7·09	31·23	19·35	
Banha	1	40	30	30	51	152
Per cent	·62	27·77	19·02	19·02	33·57	
Moharram Bey	—	16	16	1	144	177
Per cent	—	9·04	9·04	0·56	81·36	
Abbassiya	12	254	67	109	109	551
Per cent	2·78	46·06	13·10	19·03	19·03	
Mohammad Aly	5	118	77	101	169	470
Per cent	1·6	25·10	16·55	21·49	35·80	
Munîra	13	165	39	67	195	479
Per cent	2·72	34·15	8·00	15·03	40·10	
Râs el-Tîn	—	16	14	11	315	356
Per cent	—	4·49	3·93	3·09	88·49	
Karmous	—	28	24	11	83	146
Per cent	—	19·18	16·45	7·55	56·82	
Mohammadiya	6	77	43	107	201	434
Per cent	1·32	16·54	10·20	24·33	47·61	
Gamaliya	—	21	21	27	162	231
Per cent	—	9·09	9·09	11·69	70·13	
Abbâs	2	21	56	177	108	364
Per cent	·54	5·79	15·32	48·65	29·70	
Bab el-Shaariya	5	74	29	63	82	253
Per cent	1·97	29·24	11·47	24·90	32·42	
Shubra	18	223	130	205	204	780
Per cent	2·30	28·58	16·66	26·28	26·39	
Abdîn	—	131	27	76	195	429
Per cent	—	30·54	6·30	17·70	45·46	
Qerabiya	—	111	31	56	65	263
Per cent	—	42·20	11·78	21·25	24·77	
Nasriya	3	78	9	11	20	121
Per cent	2·47	64·46	7·43	9·08	15·56	
Nahhassîn	—	10	26	27	92	155
Per cent	—	6·45	16·67	17·41	59·47	
Qena	—	52	72	47	39	210
Per cent	—	24·76	34·28	22·39	18·57	
Port Said	2	194	52	19	21	288
Per cent	·69	67·06	17·86	6·79	7·60	
Damietta	3	149	21	22	51	246
Per cent	1·22	60·56	8·54	8·94	20·74	
Suez	4	32	5	43	89	173
Per cent	2·31	18·49	2·88	24·88	51·44	
Asswân	—	26	13	67	49	158
Per cent	—	16·72	8·38	43·24	31·66	
Esna	9	37	28	47	43	164
Per cent	5·40	24·12	17·13	27·13	26·22	
Daher	5	175	44	42	19	285
Per cent	1·7	61·41	15·43	14·80	6·66	
Amir Farouk	7	177	96	109	54	443
Per cent	1·64	39·59	21·67	24·92	12·18	
TOTAL	123	2,925	1,582	2,533	3,594	10,757
Per cent	1·10	27·19	14·70	23·50	33·51	

TABLE I (b).—CONDITION OF CONJUNCTIVA (End of the Year)

SCHOOL	No Trachoma	TRACHOMA				Total
		I	II	III	IV	
Tanta	8	88	9	72	68	
Per cent	2·96	32·56	3·33	35·92	25·23	270
Assiout	—	5	3	155	142	
Per cent	—	1·64	0·98	50·82	46·56	305
Mansoura	2	217	5	236	201	
Per cent	0·31	32·83	0·76	35·70	30·40	661
Beni Suef	2	5	9	165	195	
Per cent	0·53	1·32	2·37	43·88	51·90	376
Zagazig	6	20	6	145	62	
Per cent	2·51	8·38	2·51	60·66	25·97	239
Damanhour	5	31	—	149	64	
Per cent	2·00	12·67	—	59·63	25·70	249
Shibîn el-Kôm	—	5	14	118	103	
Per cent	—	2·08	5·84	49·17	42·91	240
Sohâg	—	17	—	197	91	
Per cent	—	5·50	—	64·60	29·90	305
Minya	2	15	—	17	115	
Per cent	1·34	10·07	—	11·41	77·18	149
Fayoum	1	—	2	62	117	
Per cent	0·55	—	1·09	34·07	64·29	182
Gîza	—	—	—	161	195	
Per cent	—	—	—	45·23	54·77	356
Banha	1	15	—	59	65	
Per cent	0·72	10·72	—	42·14	46·42	140
Moharram Bey	—	10	4	8	139	
Per cent	—	6·21	2·48	4·96	86·35	161
Abbâssiya	12	236	4	169	115	
Per cent	2·23	44·03	0·75	31·53	21·46	536
Mohammad Aly	4	54	17	182	181	
Per cent	0·91	12·32	3·88	41·55	41·34	438
Munîra	6	123	6	116	181	
Per cent	1·38	28·24	1·38	27·00	42·00	432
Râs el-Tîn	—	15	4	12	317	
Per cent	—	4·32	1·14	3·44	91·10	348
Karmous	—	14	6	25	93	
Per cent	—	10·14	4·34	18·11	67·41	138
Mohammadiya	8	42	5	114	265	
Per cent	18·88	9·67	1·16	26·24	61·05	434
Gamaliya	—	—	—	55	168	
Per cent	—	—	—	24·67	75·33	223
Abbâs	2	4	9	162	177	
Per cent	0·51	1·13	2·26	46·02	50·08	352
Bab el-Shaariya	5	45	4	102	87	
Per cent	2·05	18·51	1·64	41·96	35·84	243
Shubra	16	186	56	300	184	
Per cent	2·15	25·06	7·55	40·44	24·80	742
Abdîn	—	67	6	104	189	
Per cent	—	18·36	1·63	28·41	51·60	366
Qerabiya	—	75	1	81	89	
Per cent	—	30·48	0·42	33·00	36·18	246
Nasiyar	3	46	1	20	45	
Per cent	2·67	40·07	0·49	16·60	40·17	112
Nahhassîn	—	4	2	45	94	
Per cent	—	2·75	1·39	31·03	64·83	145
Qena	—	44	2	108	43	
Per cent	—	22·33	1·01	54·83	21·83	197
Port Said	2	60	—	145	72	
Per cent	0·71	21·51	—	51·97	25·81	279
Damietta	1	—	—	109	131	
Per cent	0·43	—	—	45·22	54·35	241
Suez	3	9	—	39	118	
Per cent	1·78	5·32	—	23·07	69·83	169
Aswân	—	31	47	45	28	
Per cent	—	20·52	31·12	29·81	18·25	151
Esna	—	25	—	73	63	
Per cent	—	15·25	—	45·34	39·13	161
Daher	5	168	3	81	18	
Per cent	1·82	61·10	1·09	29·45	6·54	275
Amir Farouk	5	97	41	234	43	
Per cent	1·20	23·09	9·76	55·72	10·23	420
TOTAL	99	1,773	266	3,890	4,253	10,281
Per cent	0·96	17·24	2·58	37·83	41·39	

TABLE II (a).—EFFECT OF TREATMENT ON SERIOUS STAGES OF TRACHOMA

YEAR	BEGINNING OF THE YEAR			END OF THE YEAR	
	Pupils with any Stage of Trachoma	Pupils with Serious Stages of Trachoma I and II		Pupils with Serious Stages of Trachoma I and II	
	Number	Number	Per cent	Number	Per cent
1907-1908	464	289	62·3	—	—
1914-1915	1,553	342	22·0	61	4·0
1916-1917	1,528	327	21·4	48	3·0
1917-1918	1,699	282	16·6	71	4·2
1919-1920	2,454	410	16·7	201	8·2
1920-1921	3,363	643	19·1	290	8·6
1921-1922	5,036	1,369	27·2	580	11·5
1922-1923	6,140	1,982	32·3	892	14·5
1923-1924	6,820	2,115	31·0	835	12·2
1924-1925	7,117	2,442	34·4	722	10·2
1925-1926	7,337	1,865	25·4	374	5·1
1926-1927	9,053	2,160	23·9	582	6·4
1927-1928	12,057	2,819	23·4	830	6·9
1928-1929	11,319	2,624	23·2	722	6·4
1929-1930	11,223	2,397	30·2	919	8·4
1930-1931	10,793	2,893	26·8	877	8·1
1931-1932	10,707	4,576	42·7	1,750	16·3
1932-1933	10,331	4,034	39·1	2,090	20·2
1933-1934	9,877	4,379	44·3	2,168	21·9
1934-1935	10,320	4,307	41·73	2,005	20·4
1935-1936	10,288	4,447	42·81	1,929	19·53
1936-1937	10,634	4,507	41·89	2,039	19·86

TABLE II (b).—STAGES OF TRACHOMA AT BEGINNING AND END OF SCHOOL YEAR

STAGES OF TRACHOMA	BEGINNING OF THE YEAR		END OF THE YEAR	
	Number	Per cent	Number	Per cent
Trachoma I	2,925	27·50	1,773	17·41
„ II	1,582	14·88	266	2·61
„ III	2,533	23·82	3,890	28·23
„ IV	3,594	33·80	4,253	41·75

TABLE III (a)—TRACHOMA AND ITS RELATION TO SCHOOL YEARS (Beginning of the Year)

SCHOOLS	FIRST YEAR				SECOND YEAR				THIRD YEAR				FOURTH YEAR			
	Trachoma				Trachoma				Trachoma				Trachoma			
	No	I	II	III	IV	No	I	II	III	IV	No	I	II	III	IV	No
Tanta ...	1	39	12	9	5	2	22	8	13	8	2	21	8	19	20	3
Assiout ...	—	25	32	8	11	—	14	22	8	26	—	20	16	12	31	—
Mansûra ...	—	86	26	42	19	2	67	17	45	20	1	56	16	15	73	—
Beni Suef ...	—	9	31	25	31	2	5	8	58	27	1	5	6	48	32	—
Zagazîg ...	2	25	20	9	5	3	18	25	14	16	—	21	26	15	20	1
Damanhour ...	2	17	11	29	9	1	10	8	30	8	2	4	8	35	17	—
Shibîn el-Kôm ...	—	21	29	13	6	—	9	21	16	9	—	16	20	38	9	—
Sohâg ...	—	24	18	26	13	—	13	15	49	8	—	13	13	50	14	—
Minya ...	2	14	81	5	5	—	3	8	5	22	—	—	6	10	15	—
Gîza ...	—	20	17	24	39	—	12	6	38	45	—	10	3	33	56	—
Banha ...	1	14	11	2	3	—	16	8	8	12	—	6	6	10	18	—
Moharram Bey ...	—	11	12	1	33	—	—	—	—	30	—	3	2	—	43	—
Abbâssiya ...	5	91	22	25	9	4	40	24	15	19	3	75	16	44	42	—
Mohammad Aly ...	3	53	35	14	21	—	26	17	28	44	—	29	15	24	52	2
Munîra ...	12	60	12	7	22	—	42	12	23	45	1	30	11	31	66	—
Râs el-Tîn ...	—	6	—	2	60	—	4	3	1	71	—	3	6	5	100	—
Karmouz ...	—	13	11	2	21	—	7	4	3	15	—	8	4	6	23	—
Mohammadiya ...	6	45	12	18	35	—	17	12	18	47	—	9	10	42	68	—
Gamâlîya ...	—	6	4	1	52	—	3	8	5	36	—	7	5	16	45	—
Abbas ...	2	9	19	32	28	—	7	10	35	14	—	2	22	61	35	—
Bab el-Shaariya ...	3	29	13	10	10	—	17	8	14	23	1	11	8	26	36	—
Shubra ...	2	99	46	29	26	—	59	20	41	49	2	44	32	79	58	4
Abdîn ...	—	53	9	16	22	1	42	5	16	32	—	16	7	23	63	—
Qerabiya ...	—	39	14	4	9	10	18	6	15	18	—	31	4	17	18	—
Nasriya ...	1	17	3	1	3	—	13	2	4	5	—	26	2	2	1	—
Nahhassin ...	—	4	8	5	24	—	3	8	3	15	—	1	6	7	30	—
Qena ...	—	21	35	11	6	2	14	19	12	12	—	11	8	13	11	—
Port Said ...	2	66	14	2	4	—	39	16	3	6	—	61	8	8	8	—
Damietta ...	1	47	8	6	7	—	33	3	4	15	—	54	6	9	15	1
Suez ...	3	27	1	2	9	—	—	3	17	17	—	3	1	13	34	1
Aswân ...	—	14	3	10	4	1	6	3	23	15	—	6	3	20	18	—
Esna ...	2	24	10	8	10	—	5	6	12	11	3	5	5	19	12	3
Daber ...	2	44	14	8	—	—	40	13	8	11	4	57	14	11	11	—
Amir Farouq ...	3	56	27	21	9	1	43	25	24	13	3	45	22	39	17	—
Fayoum ...	1	3	23	14	5	—	1	15	35	6	—	—	9	30	13	—
TOTAL ...	56	1,130	580	441	575	29	668	388	623	762	23	709	354	866	1,124	15
												472	260	649	1033	

TABLE III (b).—COMPARISON OF SERIOUS STAGES OF TRACHOMA I and II
(Beginning of the Year)

CLASS	Total Number of Pupils	Total Number of Serious Stages of Tra- choma I and II	Per cent
First Year	2,782	1,710	61·46
Second Year	2,470	1,022	41·37
Third Year... ..	3,076	1,043	33·90
Fourth Year	2,429	732	30·14

TABLE IV.—VISION OF ALL PUPILS WITHOUT SPECTACLES

	TOTAL	GRAND TOTAL	Per cent
<i>Good Vision :—</i>			
(a) Normal vision in each eye 6/6 and 6/6	3,151		
(b) Vision 6/6 and 6/9, or 6/9 and 6/9	3,425		
		6,576	61·14
<i>Fair Vision :—</i>			
(a) Vision 6/6 and 6/12, or 6/9 and 6/12, or 6/12 and 6/12	1,953		
(b) Vision 6/6 and 6/18	183		
		2,136	19·85
<i>Bad Vision :—</i>			
Fails to attain any of the above standards	2,045	2,045	19·01
TOTAL	10,757	10,757	

TABLE V.—SPECTACLES ORDERED

Schools	Number of pupils now attending ob- tained spectacles in previous years	Number of pupils now attending obtained spectacles this year	Number of pupils now attending ordered spectacles but not yet obtained	Total	Spectacles on order or under repair	Number of pupils wearing spectacles on date of final inspection	Net number not wearing spectacles which were pre- viously ordered
Tanta	3	—	—	3	—	3	—
Assiout	—	1	2	3	2	1	—
Mansoura	11	2	3	16	3	12	1
Beni Suef	18	4	—	22	—	22	—
Zagazîg	12	3	—	15	—	15	—
Damanhour	5	3	—	8	—	8	—
Shebin el-Kom	11	4	—	15	—	12	3
Sohag	19	4	—	23	—	23	—
Minia	4	1	4	9	4	4	1
Fayoum	28	3	—	31	—	31	—
Gîza... ..	5	4	—	9	—	5	4
Benha	5	—	4	9	4	5	—
Moharram Bey	2	2	1	5	1	4	—
Ras el-Tin	13	—	—	13	—	13	—
Karmous... ..	1	5	—	6	—	6	—
Abbassia	9	6	—	15	—	15	—
Mohammad Ali	19	5	—	24	—	24	—
Mounira	4	5	—	9	—	9	—
Mohammadia	6	5	—	11	—	11	—
Gamalia	6	3	3	12	3	9	—
Nahhassin	5	2	3	10	3	7	—
Abbass	14	4	—	18	—	18	—
Bab el-Shaaria	12	1	—	13	—	13	—
Shubra	16	4	—	20	—	20	—
Abdîn	4	8	—	12	—	12	—
Qerabiya... ..	5	—	—	5	1	4	—
Nasria	4	—	—	4	—	3	1
Zahîr	2	4	—	6	—	6	—
Amir Farouk... ..	10	2	—	12	—	12	—
Qena	8	5	—	13	—	13	—
Port Said	8	2	—	10	—	10	—
Damietta	9	—	5	14	5	9	—
Suez... ..	7	—	3	10	3	7	—
Aswân	13	1	—	14	—	14	—
Esna	10	4	1	15	1	14	—
TOTAL	298	99	29	434	30	394	10

TABLE VI.—NUMBER OF PUPILS ORDERED SPECTACLES NOT GREATER IN STRENGTH THAN ± 6 DIOPTERS AND BY THEIR USE GOT GOOD OR FAIR VISION

	TOTAL	GRAND TOTAL	Per Cent
Good Vision:—			
(a) Normal vision in each eye 6/6 and 6/6	47		
(b) Vision 6/6 and 6/9, or 6/9 and 6/9	100		
		147	37·02
Fair Vision:—			
(a) Vision 6/6 and 6/12, or 6/9 and 6/12, or 6/12 and 6/12... ..	125		
(b) Vision 6/6 and 6/18... ..	20		
		145	36·52

TABLE VII.—CONDITION OF CORNEA BEFORE TREATMENT

SCHOOLS	Both Corneas Clear	One Cornea Clear, the Other showing Opacity	Opacity of both Corneas
Tanta	259	5	—
Assiout	293	13	2
Mansoura	651	21	1
Beni Suef	361	11	16
Zagazig	250	9	—
Damanhour... ..	250	7	1
Shibîn el-Kôm	232	13	8
Sohâg	303	4	3
Minya	143	6	—
Fayoum	178	8	3
Gîza	376	5	—
Banha	146	4	2
Moharram Bey	176	1	—
Râs el-Tîn	354	2	—
Karmouz	143	3	—
Abbassîya	541	7	3
Mohammad Aly	447	22	1
Abbâs	358	2	4
Shubra	774	6	—
Bab el-Shaaria	242	9	2
Gamâliya	219	10	2
Nabhassîn	139	14	2
Nasrîya	121	—	—
Munîra	477	1	1
Abdîn	321	6	2
Qerabîya	253	9	1
Mohammadiya	423	5	6
Daher	281	3	1
Amir Farouk	429	13	1
Port Said	287	1	—
Qena	189	21	—
Damietta	231	13	2
Suez	170	3	—
Aswân	146	6	3
Esna	150	7	7
TOTAL	10,413	278	74
Per cent	96·80	2·50	0·70

TABLE VIII.—COMPARISON OF CORNEAL OPACITY AMONG PUPILS OF
TANTA PRIMARY SCHOOL IN THE YEARS 1914-1915 AND 1936-1937

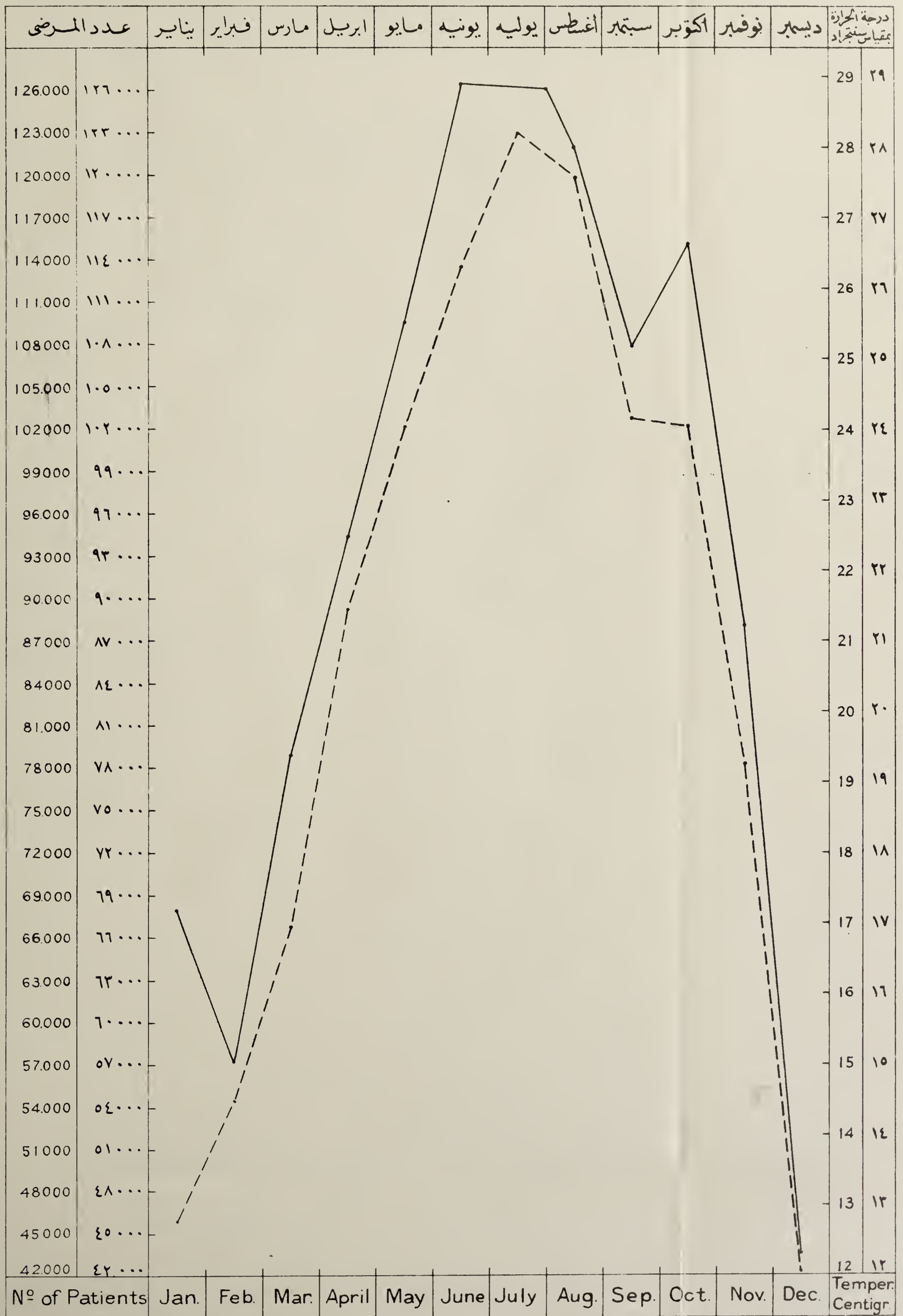
YEAR	Both Corneas Clear	One Cornea Clear, the Other showing Opacity	Opacity of both Corneas
1914-1915	173	54	33
1936-1937	259	5	—

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A/Director,
MOHAMMED BAKRI.

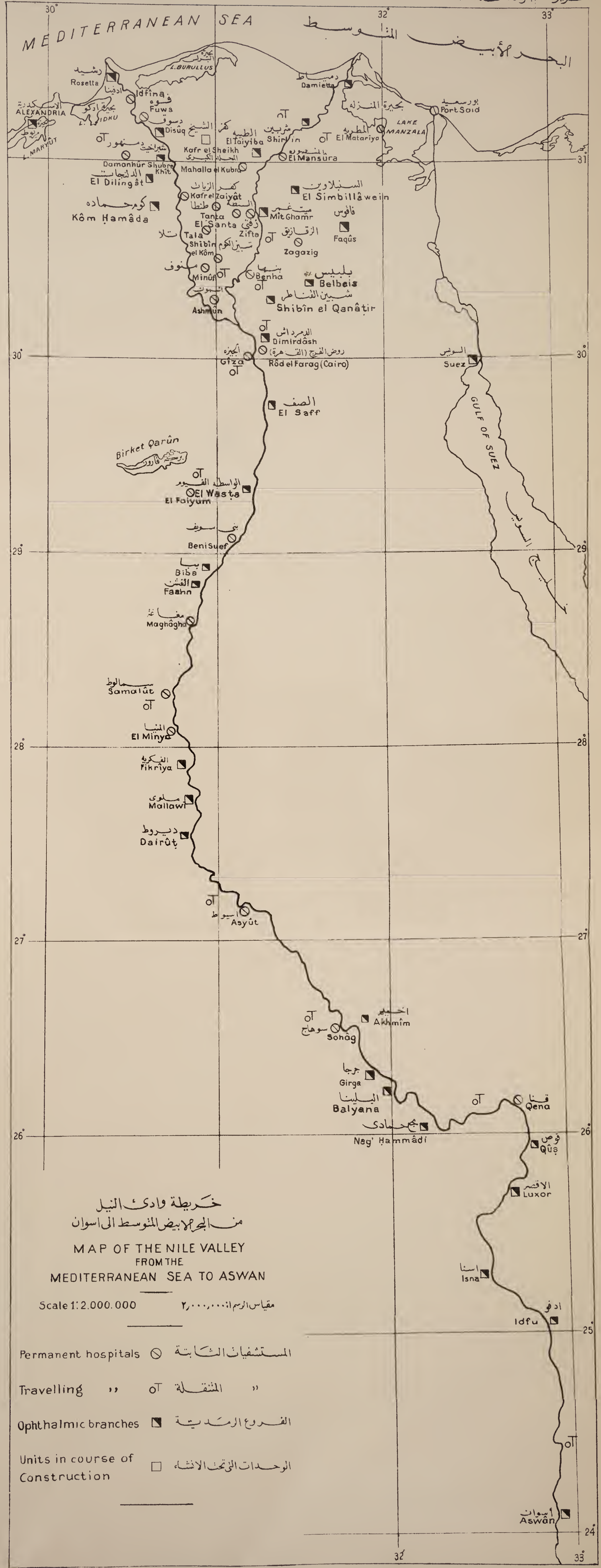
الطقس وعدد المرضى الذين عولجوا سنة ١٩٣٦

TEMPERATURE & NUMBER OF NEW PATIENTS TREATED IN 1936



عدد المرضى المستجدين الذين عولجوا شهرياً

درجة الحرارة بمقياس سنتجراد



خريطة وادي النيل
من البحر الأبيض المتوسط الى اسوان
MAP OF THE NILE VALLEY
FROM THE
MEDITERRANEAN SEA TO ASWAN

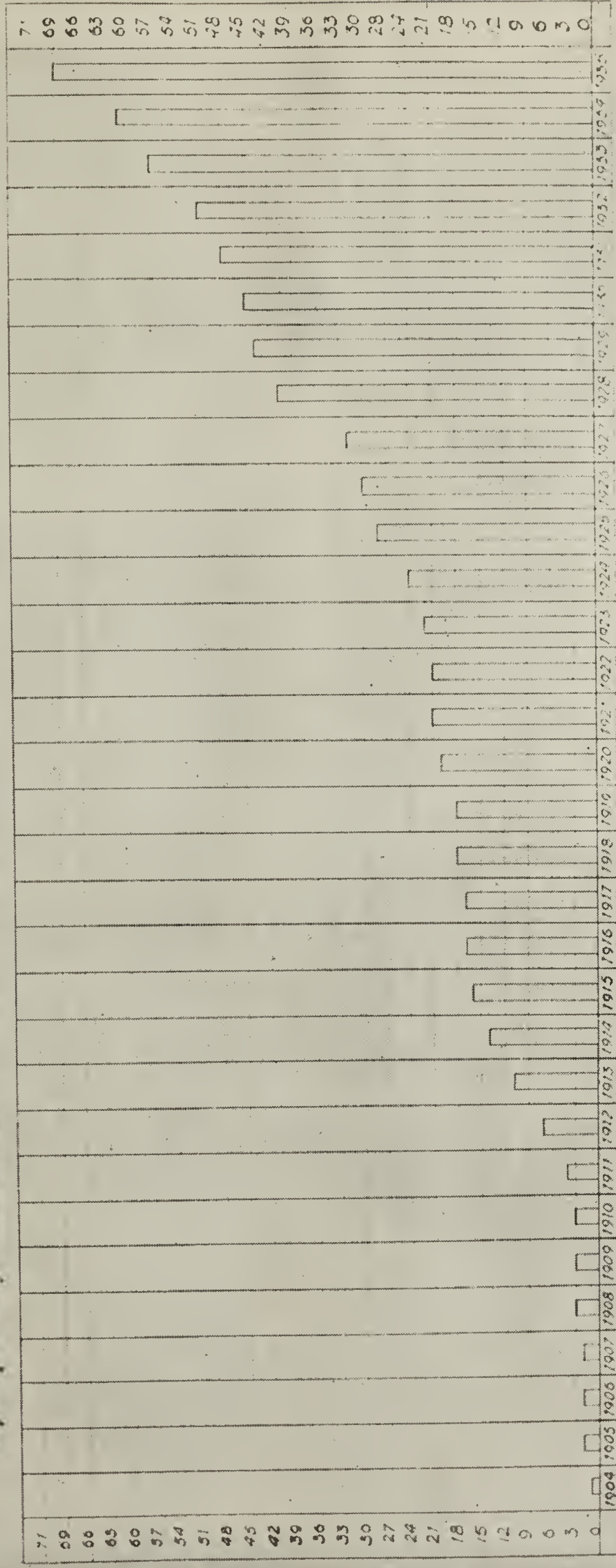
Scale 1:2.000.000 مقياس الرسم ٢,٠٠٠,٠٠٠

- المستشفيات الثابتة ○ Permanent hospitals
- المستشفيات المتنقلة ○ Travelling
- الفروع الرمدية ■ Ophthalmic branches
- الوحدات التي تحت الانشاء □ Units in course of Construction

ROYAUME D'EGYPTE

Ministère de l'Hygiène - Section des hôpitaux Ophtalmiques

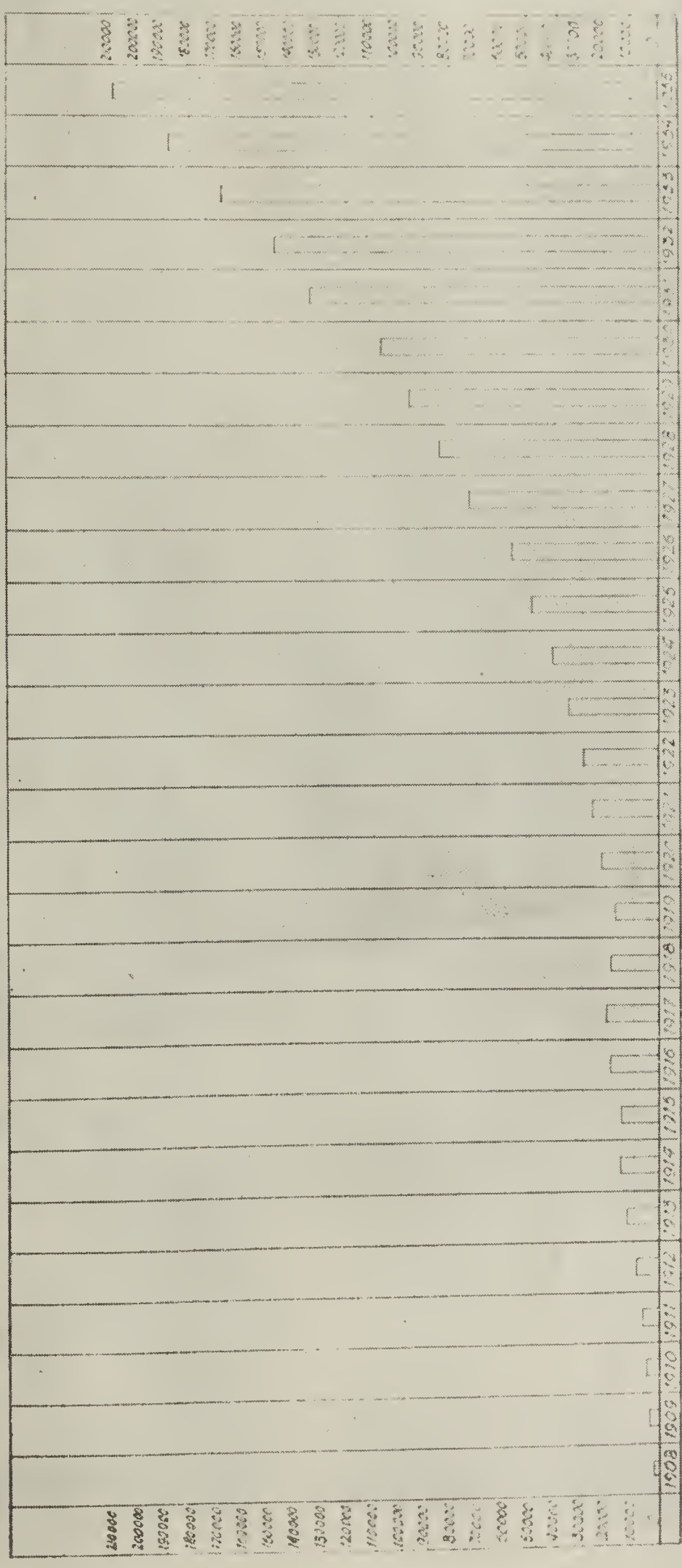
Graphique représentant le nombre des Hôpitaux Ophtalmiques en Égypte de 1904 à 1935



ROYAUME D'EGYPTE

Ministère de l'Hygiène - Section des hôpitaux Ophtalmiques

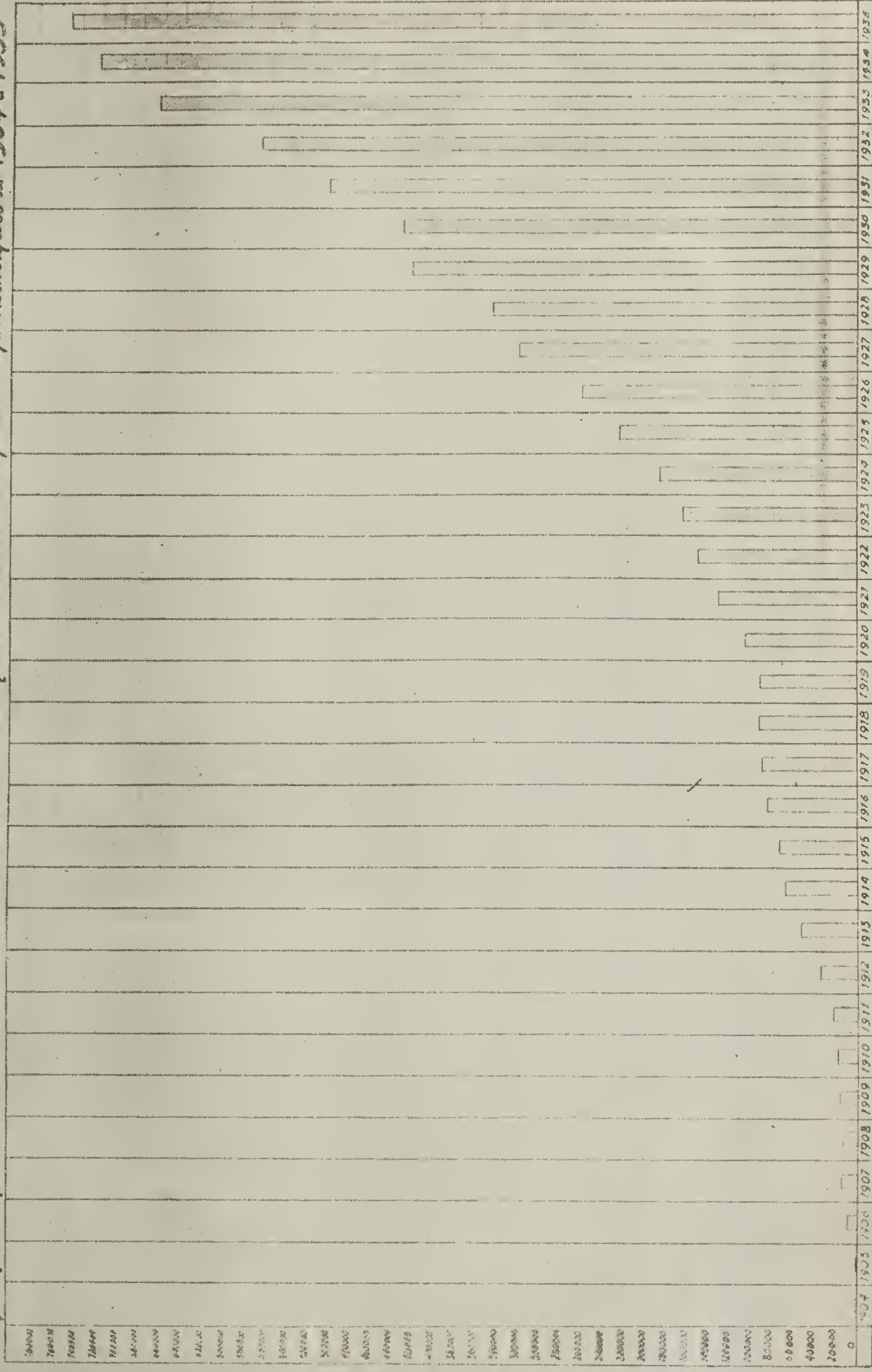
Graphique représentant le nombre des malades examinés dans les Hôpitaux Ophtalmiques de 1908 à 1935



ROYAUME D'EGYPTE

Ministère de l'Hygiène - Section des hôpitaux Ophtalmiques

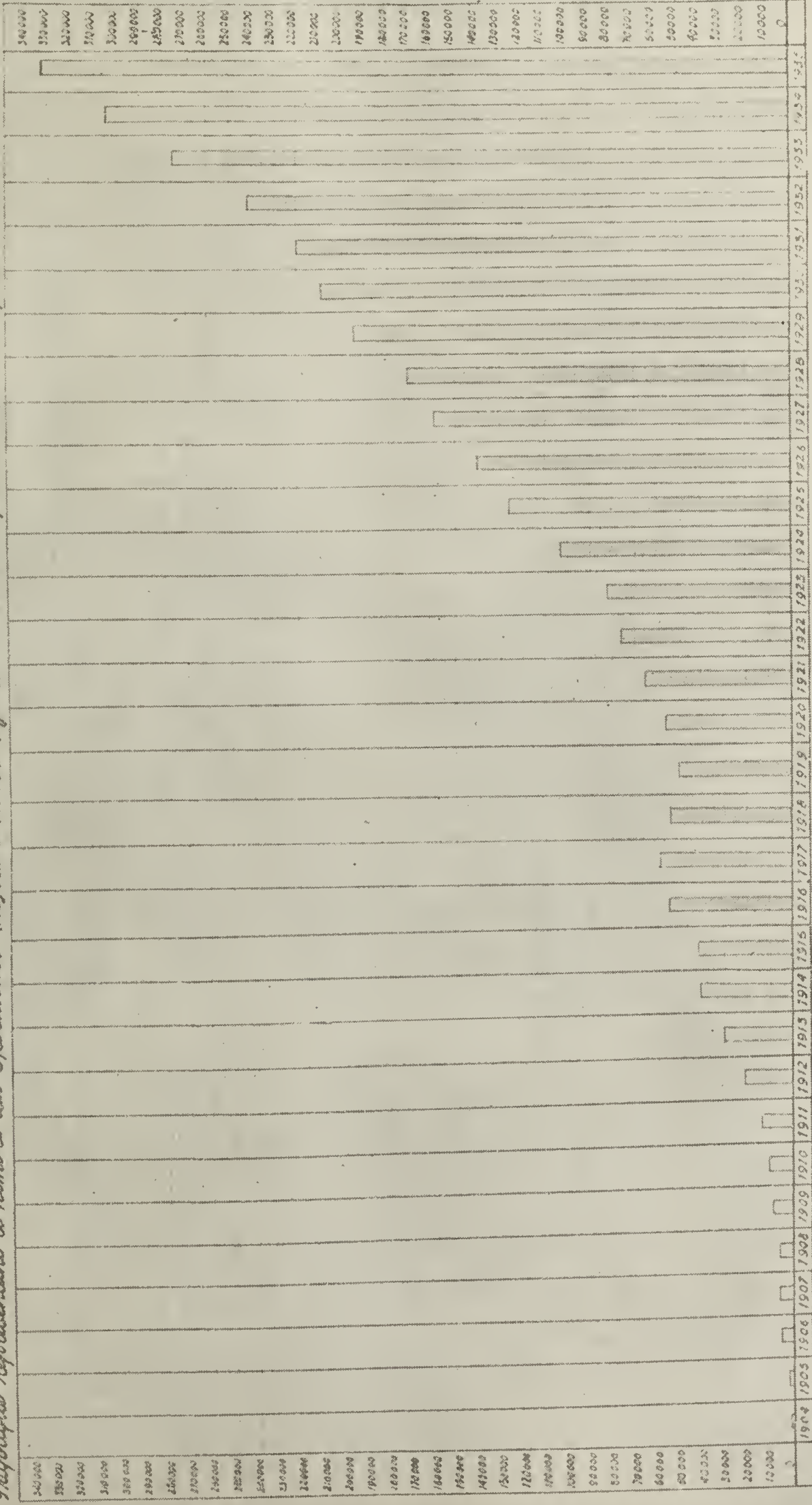
Graphique représentant le nombre des visites aux cliniques externes des Hôpitaux Ophtalmiques de 1904 à 1935



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Graphique représentant le nombre des Opérations (Majeur et Mineur) faites dans les Hôpitaux Ophtalmiques de 1904 à 1935



ROYAUME D'EGYPTE

Ministère de l'Hygiène - Section des hôpitaux Ophtalmiques

Graphique représentant le pourcentage des Aveugles entre les malades qui fréquentent les Hôpitaux Ophtalmiques. (les malades atteints de Cataract inclus) de 1909 à 1935

